

# Soundings



American Cetacean Society

Monterey Bay Chapter

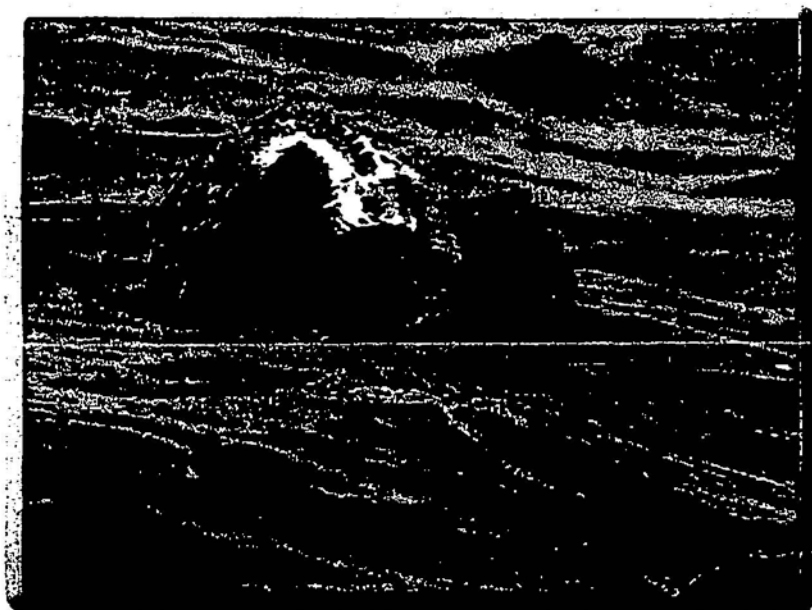
January 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



Date: Thursday, January 27th, 2000

Time: 7:30 p.m.

Speaker: David Jessup, Senior  
Wildlife Veterinarian, California Dept.  
of Fish and Game, Marine Wildlife  
Veterinary Care and Research Center,  
Santa Cruz.

Title: Sea Otters and Environmental  
Health: what is currently understood  
about the complex factors affecting the  
decline of this species..

The steady decline of the Southern sea otter in recent years has perplexed and alarmed both scientists and environmentalists. The factors involved are many and varied, complicating the search for answers and making solutions difficult to implement. Factors causing mortality between Pescadero, San Mateo County and Point Conception may include pup loss in El Nino years or impaired reproduction; shark attacks; oil spills; chemicals (e.g. PCBs), trace metals (such as lead), an increase in parasite loads and infectious diseases; fishing gear (gillnets and the live fish trap fishery); disturbance from recreation activities (e.g. kayaking) or winter kelp harvesting. Periodic El Nino warming and general ocean warming could also impact populations of preferred otter prey species.

Should otter populations continue to decline, then the species will need to be upgraded from threatened to endangered under the Federal Endangered Species Act.

Our speaker, obtained his Doctorate in Veterinary Medicine from Washington State University and a Masters degree in Epidemiology and Preventive Medicine from U.C. Davis. Dr. Jessup will give us our first comprehensive survey of the difficulties facing this highly visible and charming member of the nearshore community.

JAN 20 2000

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# Sightings 12/1 - 12/31/1999

Main migration Route

Santa Cruz

Pajaro River

Loss Landing

Salinas River

Marina Beach

N36° 40'

Pt. Pinos  
Seaside  
Monterey  
Cypress Pt.

Carmel

Pt. Lobos

Yankee Pt.

Soberanes Rks

Rocky Pt.

Hurricane Pt.

Little Sur River  
Pt. Sur

MBARI  
BUOY

Sperm Whale

- ☆ CUVIER'S BEAKED
- ★ BAIRD'S BEAKED
- RISSO'S DOL
- P. WH-SIDED DOL
- ⊙ N. RH-WH. DOL
- COMMON DOL SP.
- ✚ L/B COMMON DOL
- ✚ S/B COMMON DOL
- ⊙ BOT. N. DOL
- ⊙ KILLER WHALE
- HUMPBACK WH.
- ▨ BLUE WHALE
- ▨ FIN WHALE
- ▨ MINKE WHALE
- ◇ DALL'S PORP
- ◇ HARBOR PORP
- ➡ L. SEA TURTLE
- ☆ MESOPLONDON
- △ N. ELE. SEAL
- ✱ N. FUR SEAL

SEA LIONS, HARBOR  
SEALS, SEA OTTERS  
AND GRAY WHALES  
NOT PLOTTED.

2000

200

100

50

W 122° 00'

1500

1800



# ACS Sightings 11-12/99

Gray Whales are the large cetacean most often seen during this period. They are easily seen from shore and boat trips. Killer Whales have made an early showing, perhaps connected with the unusual strong pulse of juvenile/sub-adult Grays preceding the main migration. It will be interesting if there is the normal pulse of sub-adults that trail the southbound peak about the end of January.

Despite low sea surface temperatures, Long-beaked Common Dolphin have become the most frequently seen small cetacean on the Bay.

During my trip to Florida to transport a boat to Monterey only two new species were seen, Atlantic Bottlenose Dolphin and Pan-Tropical Spotted Dolphin. All in the Gulf of Mexico.

Date	# of animals	Location	Obs.
<b>HUMPBACK WHALE</b>			
12/11	1	1 mi. W Pt. Pinos	WW
<b>GRAY WHALE</b>			
Gray Whales will become the most frequently seen baleen whale for next few months. The peak of the southerly migration will be about the middle of January. By the time the next sightings are available, the first southbounders will be seen.			
<b>SPERM WHALE</b>			
12/29	1	2.5 mi. W Soberanes Rocks	WW
<b>KILLER WHALE</b>			
12/11	5	1 mi. W Pt. Pinos	HN
12/18	3	Carmel Bay	WW
12/23	3	Off Yankee Pt.	JW
12/23	25	1 mi W Cypress Pt.	HN
Attacking/harrassing a Gray Whale			
12/23	2	7 mi SW Davenport	SM
12/28	3	Near Cypress Pt.	DF
Harrassing a Gray Whale			
<b>BOTTLENOSE DOLPHIN</b>			
12/24	30	Off Wharf # 2	Jwe
12/24	2	Near Fish Hopper Restaurant	MBW
<b>RISSE'S DOLPHIN</b>			
12/21	25	1.5 mi W Pt. Pinos	HN
12/30	20	Carmel Bay	JW
Associated with 60 PACIFIC WHITE-SIDED DOLPHIN			

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**PACIFIC WHITE-SIDED DOLPHIN**

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12/17	300	8.5 mi SW Santa Cruz	SHJ
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Associated with 400 RISSO'S DOLPHIN and 600 NORTHERN RIGHT WHALE DOLPHIN.

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**COMMON DOLPHIN SP.**

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12/17	500	7 mi NW Pt. Pinos	HN
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**LONG-BEAKED COMMON DOLPHIN**

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12/17	1400	8 mi NW Pt. Pinos	SHJ
12/21	2500	2 mi N Otter Pt.	MBW
12/22	1200	3 mi SW Pt. Pinos	HN
12/23	2000	4 mi N Lover's Pt.	MBW
12/30	900	1 mi NW Pt. Pinos	LO
12/31	1500	4 mi NW Pt. Pinos	DD

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**CALIFORNIA SEA LION**

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About 500-700 are hauled out on Monterey breakwater and in the inner harbor.

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**PACIFIC HARBOR SEAL**

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Seen from rocky shores from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

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**SOUTHERN (CALIFORNIA) SEA OTTER**

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Seen from rocky shores from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

DD, D. Davi, DF, D. Frank, MBW, Monterey Bay Whale Watch, SM, S. Munro, HN, H. Neece, LO, L. Oliver, SHJ, Shearwater Journeys, Jwe, J. Wettle, JW, J. Williamson, WW, W. Williamson

### Chapter News:

Contact Soundings-  
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Postal- American Cetacean Society  
Monterey Bay Chapter  
PO Box HE  
Pacific Grove, CA 93950

Your chapter needs volunteers. We need someone to help with assembling our newsletter, *Soundings*. We need you only a few hours a month to bring together your fellow cetacean minded friends and help fold and sort our newsletter. It's an important link between editing and mailing. If you would like to help, let us know at the next meeting or drop us a line.

***Things to see and do about whales!!!!***

## **Whales 2000---Larry Foster**

Copy Right Larry Foster (used with permission)



### **35 Years of His Whale Art *A Retrospective***

**January 8 to June 18, 2000**

**Pacific Grove Museum of Natural History  
165 Forest Avenue  
Pacific Grove, CA 93950**

For over 35 years, Larry Foster has focused his artistic endeavors on the scientifically accurate portrayal of whales, dolphins, and porpoises.

His whale paintings have appeared in *National Geographic*, *Smithsonian*, *International Wildlife* and many other magazines and books throughout the United States and abroad. This is a notable success considering that most of these species cannot be studied in life, or even seen.

Sandy, the 40-foot, 6,000 pound ferrocement Gray Whale at the entrance to the Museum, was designed and produced by Larry Foster in 1974.

**Free Public Lecture - Pacific Grove Museum of Natural History/Whale Fest Speaker: Alan Baldrige, American Cetacean Society Title: Whales, Dolphins and Porpoises of Monterey Bay Date: Wednesday, January 12<sup>th</sup> Time: 7:00 p.m. Place: Pacific Grove Museum, Forest and Central.**

### ACS Membership Information

The objectives of the American Cetacean Society include engaging in educational, conservational, and scientific pursuits for the purpose of expanding scientific knowledge of whales, dolphins, porpoises, and related creatures. The Monterey Bay Chapter meets at 7:30 p.m. on the last Thursday of each month at Hopkins Marine Station in Pacific Grove. Meetings and activities feature cetacea and various aspects of the marine environment. For additional information concerning ACS membership, contact Jon or Judy Hubbard at 726-1737.

### AMERICAN CETACEAN SOCIETY MEMBERSHIP APPLICATION

#### Types of Memberships, Annual Dues

☐ Patron ☐ Contributing ☐ Supporting ☐ Active ☐ Family ☐ Foreign ☐ Student ☐ Subscription  
(\$500) (\$250) (\$75) (\$35) (\$45) (\$45) (\$25) \$15/12 issues  
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City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

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Credit Card No. \_\_\_\_\_

Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Return to: Membership Secretary, ACS Monterey Bay Chapter

For Subscriptions Make Checks Payable to ACS/Monterey Bay Chapter  
Send to PO Box HE, Pacific Grove, CA 93950

Chapter: #24 Monterey

Note:  
Subscription does  
not entitle  
subscriber to  
membership  
benefits

### The American Cetacean Society Online

The ACS Monterey Bay web site has moved. It's now at <http://www.starrsites.com/acmb>. The web site features information about the local chapter, including the latest meeting announcement, in addition to links to many exciting cetacean-related sites around the world.

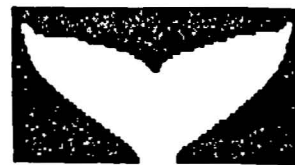
ACS National also has a web site with even more information about cetaceans and other marine mammals, at <http://www.acsonline.org/>. This site includes links to other chapters, several Whale and Dolphin Fact Sheets, and lots more.

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# Soundings



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Monterey Bay Chapter

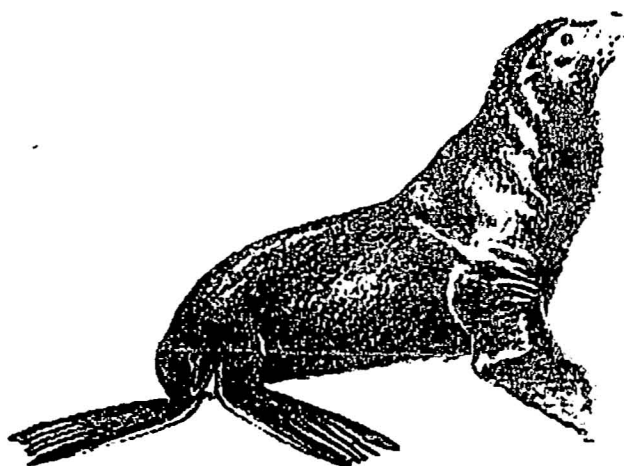
February 2000

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



Date: Thursday, February 24th  
2000

Time: 7:30 p.m.

Speaker: Michael J. Weise, Moss  
Landing Marine Laboratories

Title: Sea lions and salmon  
fisheries: Monterey Bay  
interactions

Interactions between pinnipeds and fisheries are a much talked about local issue but one which has been little studied. Our speaker will discuss findings from a study of California Sea lion impacts on Monterey Bay Chinook salmon fisheries, both commercial and sport, during 1997 and 1998. The latter was an El Nino year, with marked changes in the fish fauna and involved a prey shift to other species for the sea lions. The study is a Master's Degree project. He will also comment on a preliminary study of Harbor seals and the San Lorenzo River (Santa Cruz Co.) steelhead population. Facts on this subject are difficult to obtain and our speaker's study, guided by Professor Jim Harvey, MLML, was recently presented at the Society of Marine Mammalogy Biennial Conference in Maui, Hawaii. Please join us for an informative presentation on a timely subject with the opportunity for questions.

**UPCOMING EVENTS:**

**March 30th Program**

Speaker: Scott Benson, Moss Landing Marine  
Laboratories

FEB 14 2000

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## ***Things to see and do about whales!!!!***

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Sandy, the 40-foot, 6,000 pound ferrocement Gray Whale at the entrance to the Museum, was designed and produced by Larry Foster in 1974.

#### **February 2000 ACS Web Site Features**

Visit the ACS Monterey Bay Chapter web site at <http://www.starrsites.com/acsmb/> to see a special valentine Humpback Whale photo by Katherine Whitaker. The ACS home page also has a link to a new Monterey Bay Whale Watch feature story about the unprecedented sighting of Puget Sound Resident Killer Whales in Monterey Bay. The feature is accompanied by photographs by ACS members Nancy Black, Richard Ternullo and Katherine Whitaker.

Gray Whales continue to be the most frequently seen large cetacean in Monterey Bay, and will continue to be for the next few months. Sighting rates will decline as the southbound migration tails off and the first northbound migrants are recorded by the second week of February. Sightings will rapidly increase until the March peak of northbounders occurs. There will be an overlap of migrants in both directions during early February.

And now for the most important sighting among toothed whales, and possibly in recent marine mammal observations: L pod (and portions of K pod) of the Southern Community of Puget Sound/Canada Killer Whales were seen in Monterey Bay. These are among the most studied and intensely monitored of all wild cetaceans in the world. They are the target of whalewatchers from all over the world when they intercept the heavy salmon runs concentrated in the Haro Strait area in summer. They have been notably absent in winter with their whereabouts unknown. In the Puget Sound area they have been seen arriving "from the south" every year. Perhaps they are found off Central California/Oregon/Washington in winter but have never been detected until now. This represents a range extension of over 1000 km.

Date	# of animals	Location	Obs.
<b>KILLER WHALE</b>			
1/3	2	Off Yankee Pt.	JA
1/4	3-4	2.5 mi W Pt. Joe	LO
1/15	20	Carmel Bay	GM
1/16	3	Near Ano Nuevo	TZ
1/21	50	Near Soberanes Rks.	HN
1/22	10	1.5 mi NW Cypress Pt.	MBW
Harassed some <b>GRAY WHALES</b> , killed and ate 1 <b>CALIFORNIA SEA LION</b>			
1/29	50	4 mi NW Pt. Pinos	JW

In one of the most exciting observations to date, this group proved to be the resident pod known as L and K. These are possibly the most famous and studied of all cetaceans. They are components of the Southern Community from Puget Sound.

<b>RISSE'S DOLPHIN</b>			
1/5	100	2 mi SW Cypress Pt.	MBW
1/8	75-100	2 mi W Pt. Joe	DF
Associated with 25 <b>PACIFIC WHITE-SIDED DOLPHIN</b>			
1/12	200	1.5 mi W Pt. Pinos	RO
Associated with 20 <b>PACIFIC WHITE-SIDED DOLPHIN</b>			
1/16	700	4 mi NW Pt. Pinos	MBW
Associated with 600 <b>PACIFIC WHITE-SIDED DOLPHIN</b> and 100 <b>LONG-BEAKED COMMON DOLPHIN</b>			
1/17	900	7 mi W Moss Landing	SHJ
1/19	50	3 mi W Pt. Pinos	WW
Harassing <b>GRAY WHALES</b> , associated with 20 <b>PACIFIC WHITE-SIDED DOLPHIN</b>			
1/20	1000	2.5 mi W Cypress Pt.	MBW
Associated with 200 <b>PACIFIC WHITE-SIDED DOLPHIN</b> , 50 <b>NORTHERN RIGHT WHALE DOLPHIN</b> , and 1 <b>NORTHERN FUR SEAL</b> .			
1/22	200	2 mi NE Pt. Pinos	NL



**Associated with 20 NORTHERN RIGHT WHALE DOLPHIN****PACIFIC WHITE-SIDED DOLPHIN**

1/15	700	3 mi NNW Pt. Pinos	ACS
Associated with 150 NORTHERN RIGHT WHALE DOLPHIN			
1/16	200	3.5 mi SW Pt. Pinos	DD
1/17	20	10 mi SW Santa Cruz	SHJ
Associated with 20 RISSO'S DOLPHIN			
1/21	1250	1.5 mi W Cypress Pt	HN
Associated with 500 RISSO'S DOLPHIN			
1/22	250	4 mi SW Pt. Pinos	MBW
Associated with 50 NORTHERN RIGHT WHALE DOLPHIN			

**COMMON DOLPHIN SP.**

1/4	1000	Near Pt. Lobos	KW
1/5	750	1.5 mi N Pt. Pinos	MBW

**LONG-BEAKED COMMON DOLPHIN**

1/3	1000	Off Yankee Pt.	TL
1/8	1500	1 mi N Lover's Pt.	LO
1/9	1500	Cypress Pt.	LO
1/9	1000	2.5 mi NW Pt. Pinos	MBW
1/12	800	4 mi N Lover's Pt.	MBW
1/15	1200	.5 mi SW Pt. Pinos	LO
1/17	500	1 mi N Pt. Pinos Lighthouse	SHJ

**DALL'S PORPOISE**

1/4	10-12	2.5 mi W Pt. Joe	LO
1/17	3-4+3-4	18 mi W Pt. Pinos	SHJ

**CALIFORNIA SEA LION**

Many sea lions are hauled out on the breakwater, representing a more "normal year".

**PACIFIC HARBOR SEAL**

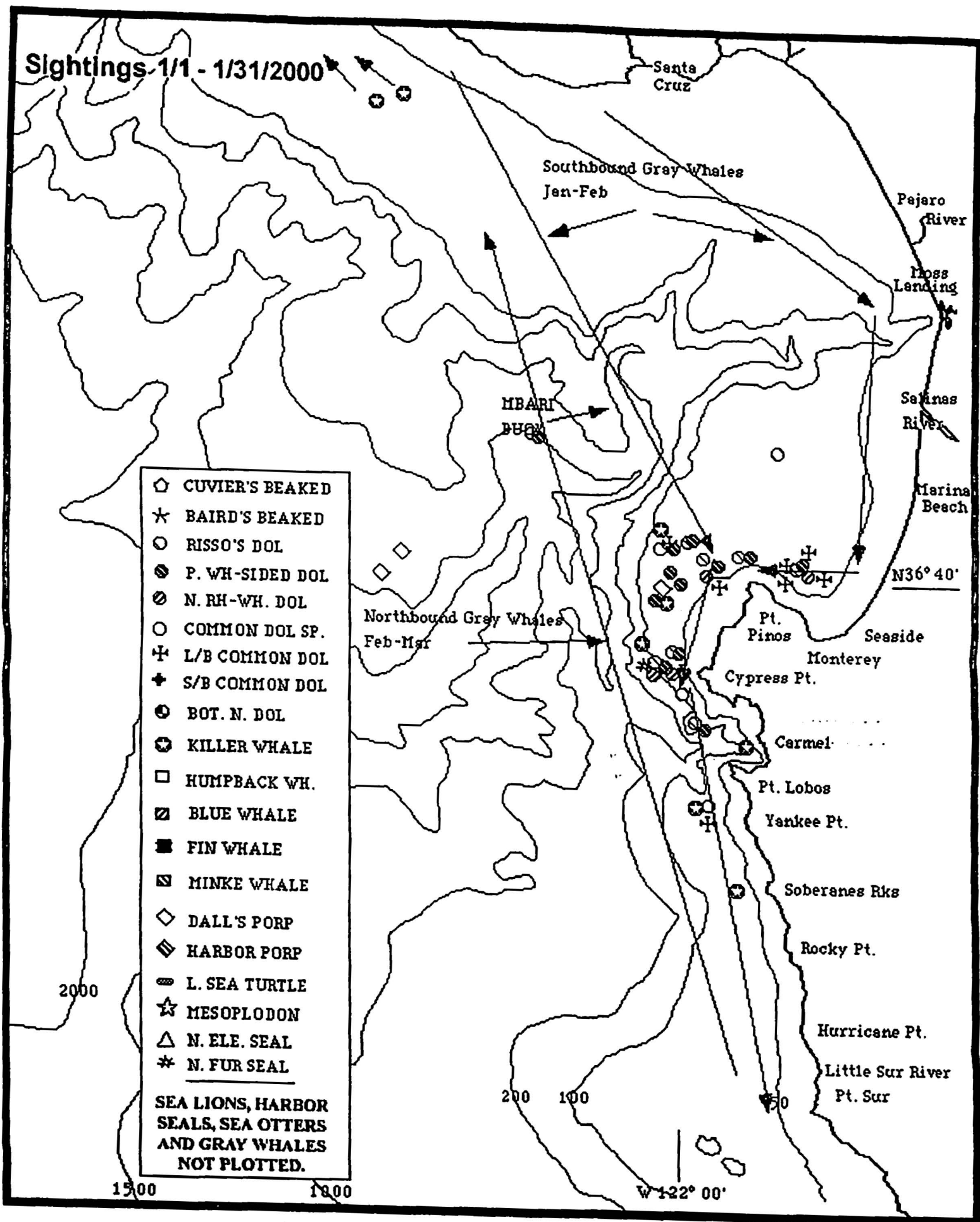
Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

**SOUTHERN (CALIFORNIA) SEA OTTER**

Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

ACS, American Cetacean Society, JA, J. Aliotti, DD, D. Davi, DF, D. Frank, NL, N. Lemon, TL, T. Lorenze, LO, L. Ortiz, GM, G. McGowen, MBW, Monterey Bay Whale Watch, HN, H. Neece, SHJ, Shearwater Journeys, LO, L. Oliver, KW, K. Whitaker, JW, J. Wettle, WW, W. Williamson, TZ, T. Zoloniack.

Sightings 1/1 - 1/31/2000



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For Subscriptions Make Checks Payable to ACS/Monterey Bay Chapter						Chapter: #24 Monterey	
Send to PO Box 111, Pacific Grove, CA 93950							

Note:  
Subscription does not entitle subscriber to membership benefits

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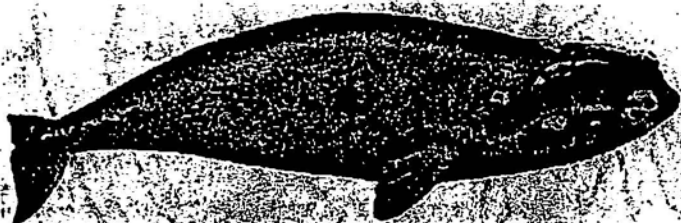
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Monterey Bay Chapter

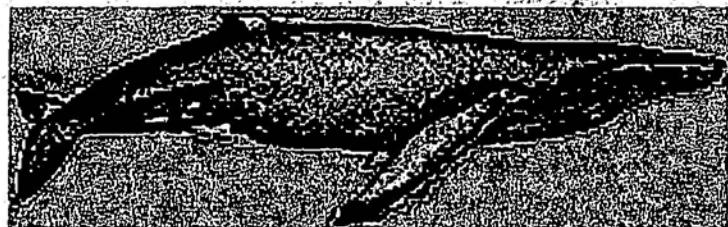
March 2000

The Newsletter of the Monterey Bay Chapter of ACS

Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



Can you identify these species of whales?



Date: Thursday, March 30th  
2000

Time: 7:30 p.m.

Speaker: Scott Benson, Moss  
Landing Marine Laboratories

Title: Baleen whales and other  
cetaceans of the Monterey region:  
observations of a coastal  
upwelling system spanning an El  
Nino event.

The world's most productive fisheries and marine mammal foraging areas are found in coastal upwelling centers such as the Monterey Bay region. Our speaker will describe ecosystem studies carried out during the spring and summer upwelling periods of 1996, 1997 and 1998, including the impacts of the El Nino of 1997-98. The distribution and abundance of cetaceans was measured and compared over time with the strength of upwelling, as well as phytoplankton and zooplankton (krill) abundance. He noted that the abundance of several of the California Current's commonest cetaceans such as Dall's porpoise and Common dolphin mirrored oceanographic patterns. Numbers of Baleen whales such as Blues, Humpbacks and Fins increased rapidly, concentrating in rich near shore upwelling areas, as food declined well offshore. Please join us for a program which will offer fresh insights into the relationships between local cetaceans and the variable marine environment they inhabit. It will be a fine opportunity to learn of new discoveries, which in turn enhance the global significance of areas such as that encompassed by the Monterey Bay National Marine Sanctuary. The information was also presented at the Society for Marine Mammalogy meeting in Maui, Hawaii in November 1999.

# Sightings' February 1 - 29, 2000

- ◇ CUVIER'S BEAKED
- ★ BAIRD'S BEAKED
- RISSO'S DOL
- P. WH-SIDED DOL
- ⊗ N. RH-WH. DOL
- COMMON DOL SP.
- ✦ L/B COMMON DOL
- ✦ S/B COMMON DOL
- ⊙ BOT. N. DOL
- ⊙ KILLER WHALE
- HUMPBAC WH.
- ▨ BLUE WHALE
- ▨ FIN WHALE
- ▨ MINKE WHALE
- ◇ DALL'S PORP
- ◆ HARBOR PORP
- L. SEA TURTLE
- ☆ MESOPLONDON
- △ N. ELE. SEAL
- ★ N. FUR SEAL
- SEA LIONS, HARBOR SEALS, SEA OTTERS AND GRAY WHALES NOT PLOTTED.

MBARI BUOY

Santa Cruz

Pajaro River

Mass Landing

Salinas River

Marina Beach

Gray Whale mother/calves  
Ap/May

N36° 40'

Pt. Pinos

Seaside

Monterey

Cypress Pt.

Gray Migration path Mar

Carmel

Pt. Lobos

Yankee Pt.

Soberanes Rks

Rocky Pt.

Hurricane Pt.

Little San River

Pt. San

1500

1400

W 122° 00'

200 100 50

ACS 2/29/00

Gray Whales continue to be the most frequently sighted large cetacean in our area and will continue to be so as the peak of the northbound migration is reached in mid-March. Mothers and calves will be seen mostly from shore as they make their way north. Killer Whale predation interactions with these pairs may be observed until mid-May. Any suspected such events should be reported to 831-375-4658.

Included are the sightings collected from the voyage of the Gulf Winds II from Lazaro Cardenas to Monterey, about 2000 mi. The boat will be modified to provide the best platform for whale and bird watching cruises.

Date	# of animals	Location	Obs.
<b>BLUE WHALE</b>			
2/16	1	10 W Magdalena Bay, B.C.S.	GWII
<b>HUMPBACK WHALE</b>			
2/18	8	.5 mi SE Cabo San Lucas, B.C.S.	GWII
The same area contained 10 GRAY WHALES and 100 LONG-BEAKED COMMON DOLPHIN			
<b>GRAY WHALE</b>			
First northbounder 2/10			
<b>KILLER WHALE</b>			
2/9	6	.25 mi N Hopkins Marine Station	LO
Included CA29, CA26. Association data suggests that CA26 is possibly the mother of CA29. CA29 is the oldest documented male in our catalog and is about 37-40 years old. If CA26 is his mother then she would be around 50 or more years old.			
<b>SHORT-FINNED PILOT WHALE</b>			
2/19	20	15 E Uncle Sam Bank, B.C.S.	GWII
Associated with 200 offshore-type BOTTLENOSE DOLPHIN.			
2/19	100	38 mi SW San Ignacio Lagoon	GWII
Associated with 50 offshore -type BOTTLENOSE DOLPHIN. Vocalized at surface, lots of calves of both species.			
<b>RISSE'S DOLPHIN</b>			
2/5	150	.5 mi N Lover's Pt.	HT
2/7	700	1.5 mi W Cypress Pt.	JW
Associated with 40 PACIFIC WHITE-SIDED DOLPHIN.			
<b>BOTTLENOSE DOLPHIN</b>			
2/4	12-14	near Monterey Bay Aquarium	JB
<b>PACIFIC WHITE-SIDED DOLPHIN</b>			
2/21	10	12 mi W Ensenada	GWII
2/21	15	3 mi S Pt. Loma	GWII
2/22	20	12 mi SW Dana Pt.	GWII

Mexico

AB saw these



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**LONG-BEAKED COMMON DOLPHIN**

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2/18	200	15 mi W Playa Lagunes	GWII
2/20	600	3 mi N Cedros Is.	GWII

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**SHORT-BEAKED COMMON DOLPHIN**

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2/22	35	15 mi NW Pt. Vicente	GWII
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**GUADELUPE FUR SEAL**

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2/16	1	94.6 mi SE Cabo San Lucas	GWII
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A probable sighting as all field marks suggest this ID. I could not see if the fur extended half way down the pectoral flipper, a diagnostic field mark.

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**GREEN SEA TURTLE**

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2/18	1+	15-30 mi W to NW Playa Lagunes to 25 mi W Punta Pescadero	GWII
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Numerous sightings. Some sightings may have been PACIFIC RIDLEY SEA TURTLE?

---

**CALIFORNIA SEA LION**

---

Many sea lions are hauled out on the breakwater, representing a more "normal year".

---

**PACIFIC HARBOR SEAL**

---

Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

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**SOUTHERN (CALIFORNIA) SEA OTTER**

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JB, J. Baroni, GWII, Gulf Winds II, HT, H. Tiura

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**Release of Sculpture 'Generations' by Randy Puckett –**

Randy Puckett, one of our members and a former president of this chapter is releasing a sculpture titled 'Generations' which he will sell at a reduced price on condition that the buyer makes a donation of \$600 to one of a number of conservation related organizations. ACS Monterey Bay Chapter is thrilled to be one of those organizations. This exquisite sculpture is of a humpback whale and calf, and it seems fitting that Randy is offering this opportunity to both make a donation and own this piece since these are common summer visitors to our region. We wish to encourage all who may consider owning this piece to think of our chapter, and we also wish to thank Randy for his generosity.

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**Volunteers needed –**

Here is an opportunity to have some fun, become more involved in one of our chapter missions – namely education – and help our chapter. We need volunteers to help with our chapter display at various public events. Responsibilities would be to arrange to set up our display materials and be present at our display during events to answer questions. Events we have been present at so far this year have included Whale Feast and Migration Festival. If interested please contact Jon Hubbard or one of our other board members.



***Things to see and do about whales!!!!***

**Whales 2000---Larry Foster**

Copy Right Larry Foster (used with permission)



**35 Years of His Whale Art  
*A Retrospective***

**January 8 to June 18, 2000**

**Pacific Grove Museum of Natural History  
165 Forest Avenue  
Pacific Grove, CA 93950**

**For over 35 years, Larry Foster has focused his artistic endeavors on the scientifically accurate portrayal of whales, dolphins, and porpoises.**

**His whale paintings have appeared in *National Geographic*, *Smithsonian*, *International Wildlife* and many other magazines and books throughout the United States and abroad. This is a notable success considering that most of these species cannot be studied in life, or even seen.**

**Sandy, the 40-foot, 6,000 pound ferrocement Gray Whale at the entrance to the Museum, was designed and produced by Larry Foster in 1974.**

**Monterey Bay National Marine Sanctuary Symposium  
"Sanctuary Currents - 2000"**

**Topic: Causes of ecosystem change - natural or human?**

**Date/Time: Saturday March 18, 2000 8 a.m. - 4:30 pm.**

**Place: Coconut Grove, at the Boardwalk in Santa Cruz**

**Free: Also discounted parking**

**Subjects to be discussed: Fisheries, climate variability, rocky intertidal, marine mammals.**

**Further Information: Liz Love at MBNMS (831) 647-4255**

### ACS Membership Information

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### AMERICAN CETACEAN SOCIETY MEMBERSHIP APPLICATION

#### Types of Memberships, Annual Dues

☐ Patron ☐ Contributing ☐ Supporting ☐ Active ☐ Family ☐ Foreign ☐ Student ☐ Subscription  
(\$500) (\$250) (\$75) (\$35) (\$45) (\$45) (\$25) \$15/12 issues

☐ Gift ☐ Renewal ☐ New Subscription

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

☐ Check ☐ MasterCard ☐ Visa Credit Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Return to: Membership Secretary, ACS Monterey Bay Chapter

For Subscriptions Make Checks Payable to ACS/Monterey Bay Chapter  
Send to PO Box HE, Pacific Grove, CA 93950

Chapter: #24 Monterey

Note:  
Subscription does  
not entitle  
subscriber to  
membership  
benefits

### The American Cetacean Society Online

The ACS Monterey Bay web site has moved. It's now at <http://www.starrsites.com/acsmmb>. The web site features information about the local chapter, including the latest meeting announcement, in addition to links to many exciting cetacean-related sites around the world.

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**American Cetacean Society  
Monterey Bay Chapter  
PO Box HE  
Pacific Grove, CA 93950**

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PACIFIC GROVE CA 93950

# Soundings



American Cetacean Society

Monterey Bay Chapter

April 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



**Date: Thursday, April 27th, 2000**

**Time: 7:30 p.m.**

**Speaker: Dr. Karin A. Forney, Research Biologist, Protected Resources Division, Southwest Fisheries Science Center, National Marine Fisheries Service, La Jolla**

**Title: Marine Mammals and Seabirds: the impact of gillnets in Central California.**

Bycatch in commercial fisheries poses a significant threat to many marine mammal and seabird populations worldwide. Limited funds for monitoring can be dangerously ineffective at detecting changes in mortality patterns as recently documented in the California halibut gillnet fishery in the Monterey Bay Region. During the 1980's, significant mortality of Harbor porpoise, Southern sea otter and Common murre was revealed, and corrective measures were thought to have been taken, when the fishery was moved to deeper waters. However, the fishery shifted, and with more vessels, caused a return to high mammal/seabird kills exceeding sustainable levels. Funding shortages provided no monitoring and this increase went largely undetected for several years. These losses have contributed to Harbor porpoise, Sea otter and murre declines, undermining, in the case of the birds, other government efforts to bolster their numbers.

Our speaker will thoroughly discuss these issues as well as the mammal mortality associated with the California offshore (100 miles) swordfish gillnet fishery.

**UPCOMING EVENTS:**

**May 25th**

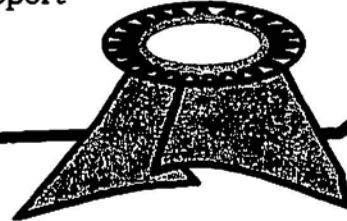
**Professor Jim Harvey, Moss Landing Marine Labs.  
Marine Mammals and Global Warming**

**APR 17 2000**

**HOPKINS MARINE STATION LIBRARY**

# Awards

At our meeting this month we will have the pleasure of making four graduate student research grants to students at local institutions. These grants are made possible through generous donations from some of our members and Monterey Sport Fishing.



The Robert D. Bethal award is given annually and this year will be awarded to Krista Hanni of the University of California, Davis. She is a doctoral candidate in veterinary medicine and is working on a project titled: "Determinants of survival in juvenile southern sea otters (*Enhydra lutris nereis*)".

Shawn Rane Noren, a doctoral candidate in the biology department at the University of California, Santa Cruz is working on "Development of Diving in Bottlenose Dolphins" and will be awarded the Alan Baldrige award. This grant made possible by generous donations to our chapter has been named in honor of our Program Chairman and Scientific Advisory Board member, Dr. Alan Baldrige in recognition of the many contributions he makes to the success of this chapter.

For many years Monterey Sport Fishing has contributed free of all charge to our chapter use of the Magnum Force for a whale watching trip in January to view gray whales. This year they contributed not one, but two trips on successive weekends, and both trips were quite successful, both in terms of viewing cetaceans and other marine animals, and for their popularity. In appreciation for these donations over the years we are naming one of our grants 'Monterey Sport Fishing Grant'. This year the award goes to Kara Buckstaff of the University of California, Santa Cruz, where she is a Masters Candidate in the Marine Sciences Program for a project looking into "The impacts of watercraft disturbance on the vocal behavior of bottlenose dolphins, (*Tursiops truncatus*)".

This year Monterey Bay Chapter of the ACS Board Award, newly created at the suggestion of one of our donors goes to Anurag Kumar and Sean Hayes of Moss Landing Marine Laboratories for what promises to be an interesting project on "Evaluating territoriality in male harbor seals through playback experiments".

Please join us this month as we make these presentations and express our appreciation to our donors and to our whale watch trip hosts at Monterey Sport Fishing.

# ACS Sightings 3/31/00

compiled by Richard L. Ternullo

March usually brings the transition to The Upwelling Season as spring winds increase in intensity and deep, cold, nutrient rich waters are transported to the surface and exposed to the added insolation due to increased day length. This, in turn, will provide the nutrients phytoplankton will need to produce the standing crop of forage for the resulting cascade of zooplankton, and it's most notable intermediary, krill.

Gray Whales will remain the most numerous large cetacean until about the second week of April. Look for mother/calf pairs of Gray Whales from lookouts along Hwy 1, particularly Hurricane Pt. and Pt. Lobos. Humpback Whales will then arrive in numbers and become the most frequently sighted whale by the end of the month.

All dolphin species may decline (with the exception of Killer Whales) as they disperse into smaller groups in a more forage rich environment.

Date	# of animals	Location	Obs
<b>KILLER WHALE</b>			
3/1	7	Carmel Bay	JA
3/12	7	2 mi W Cypress Pt.	NL
3/14	6	1.5 mi W Cypress Pt.	MBW
3/21	10	1.5 mi W Cypress Pt.	WW
3/26	14	2 mi W Cypress Pt.	MBW
3/27	5	4 mi SW Moss Landing	JWe
<b>RISSE'S DOLPHIN</b>			
3/10	1000	2.5 mi NW Pt. Lobos	MBW
Associated with 100 PACIFIC WHITE-SIDED DOLPHIN.			
3/11	300	6 mi SW Moss Landing	WW
Associated with 25 PACIFIC WHITE-SIDED DOLPHIN.			
3/14	75	6.5 mi Santa Cruz	PCG
3/18	80	4.5 mi SW Moss Landing	JWe
With some PACIFIC WHITE-SIDED DOLPHIN.			
3/24	500	4 mi W Pt. Pinos	JW
Associated with 50 NORTHERN RIGHT WHALE DOLPHIN and 10 PACIFIC WHITE-SIDED DOLPHIN. Seen harassing GRAY WHALES			
<b>PACIFIC WHITE SIDED DOLPHIN</b>			
3/12	75	3 mi W Pt. Pinos	MBW
3/30	500	3 mi SW Cypress Pt.	MBW
Associated with 50 RISSE'S DOLPHIN.			
3/31	150	4 mi W Pt. Pinos	MBW
Associated with 50 PACIFIC WHITE-SIDED DOLPHIN and 20 NORTHERN RIGHT WHALE DOLPHIN.			

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**LONG-BEAKED COMMON DOLPHIN**

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3/4	1000	2 mi W Pt. Pinos	MBW
3/10	500	Shore sight from Monastery Bch.	TL
3/14	600	5 mi SW Moss Landing	R/VJM
3/15	250	2 mi N Pt. Pinos	MBW
3/18	25	1 mi N Pt. Pinos	MBW
3/22	100	3 mi NW Pt. Pinos	MBW
3/26	200	4 mi SW Pt. Pinos	MBW
3/27	200	3 mi N Lover's Pt.	NG

---

**DALL'S PORPOISE**

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3/18	6-8	4 mi NW Pt. Pinos	MBW
3/31	6	4 mi W Pt. Pinos	MBW

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**HARBOR PORPOISE**

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3/27	5	2 mi NW Pt. Pinos	MBW
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**CALIFORNIA SEA LION**

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Few are hauled out on Monterey breakwater, or seen in the Bay. The usual "wharf burns" are still present. Many are sure to at breeding sites in June.

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**PACIFIC HARBOR SEAL**

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Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

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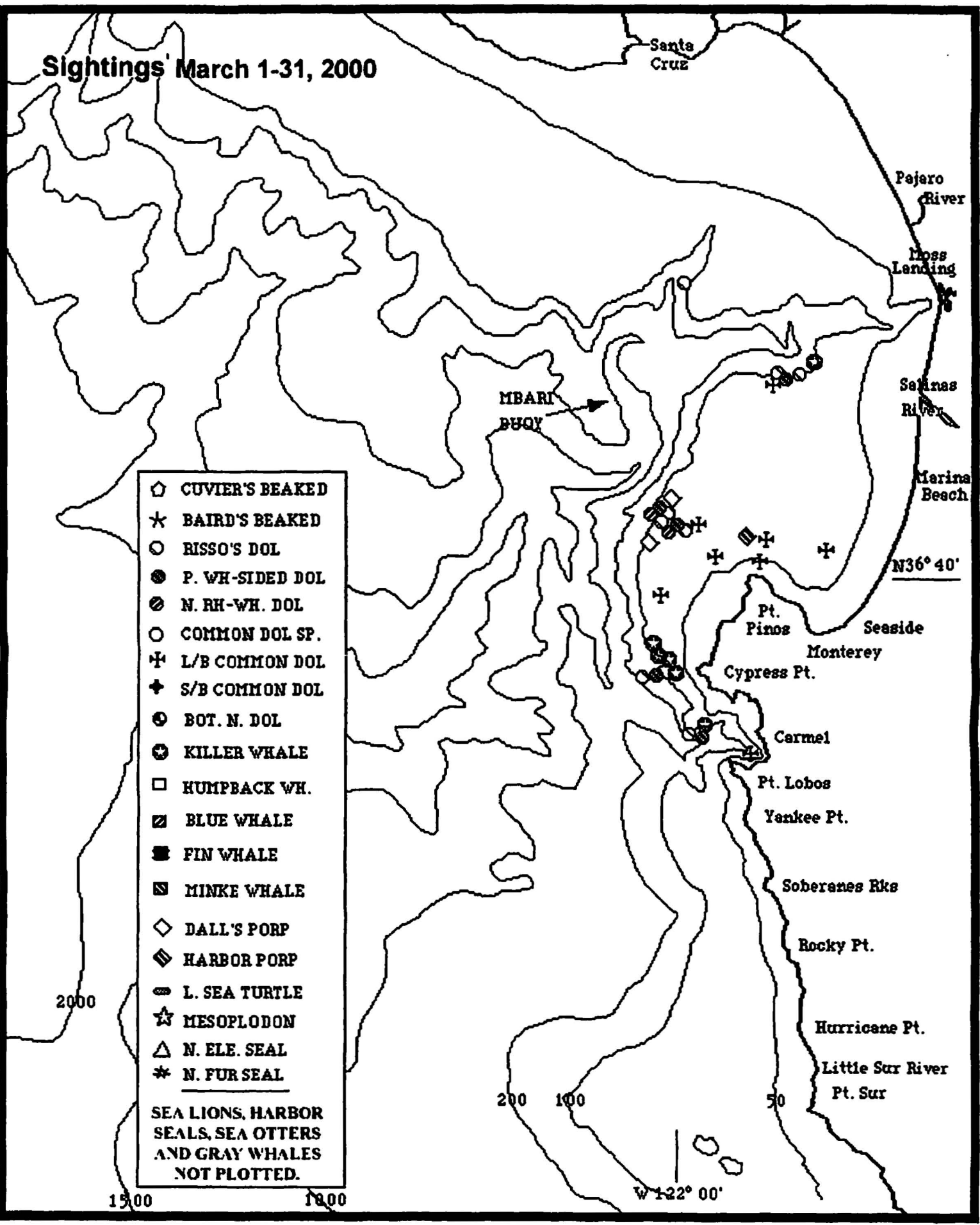
**SOUTHERN (CALIFORNIA) SEA OTTER**

---

Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

JA, J. Aliotti, TL, NL, N. Lemon, T Lorenze, MBW, Monterey Bay Whalewatch, PCG, Pacific Cetacean Group, R/V JM, R/V John Martin, NG, National Geographic, Jwe, J. Wetle, JW. J. Williamson, WW, W Williamson

# Sightings March 1-31, 2000



- ◇ CUVIER'S BEAKED
- ★ BAIRD'S BEAKED
- RISSO'S DOL
- P. WH-SIDED DOL
- ⊗ N. RH-WH. DOL
- COMMON DOL SP.
- ⊕ L/B COMMON DOL
- ⊕ S/B COMMON DOL
- ⊗ BOT. N. DOL
- ⊗ KILLER WHALE
- HUMPBACK WH.
- ▣ BLUE WHALE
- FIN WHALE
- ▣ MINKE WHALE
- ◇ DALL'S PORP
- ◆ HARBOR PORP
- ⊖ L. SEA TURTLE
- ☆ MESOPLONDON
- △ N. ELE. SEAL
- ★ N. FUR SEAL

SEA LIONS, HARBOR SEALS, SEA OTTERS AND GRAY WHALES NOT PLOTTED.



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<input type="checkbox"/> Gift <input type="checkbox"/> Renewal <input type="checkbox"/> New Subscription							
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City _____ State _____ Zip _____							
<input type="checkbox"/> Check <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa    Credit Card No. _____ Exp. Date _____							
Signature _____							
Return to : Membership Secretary, ACS Monterey Bay Chapter							
For Subscriptions Make Checks Payable to ACS/Monterey Bay Chapter Send to PO Box HE, Pacific Grove, CA 93950							
Chapter: #24 Monterey							

**Note:**  
Subscription does not entitle subscriber to membership benefits

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# Soundings



American Cetacean Society

Monterey Bay Chapter

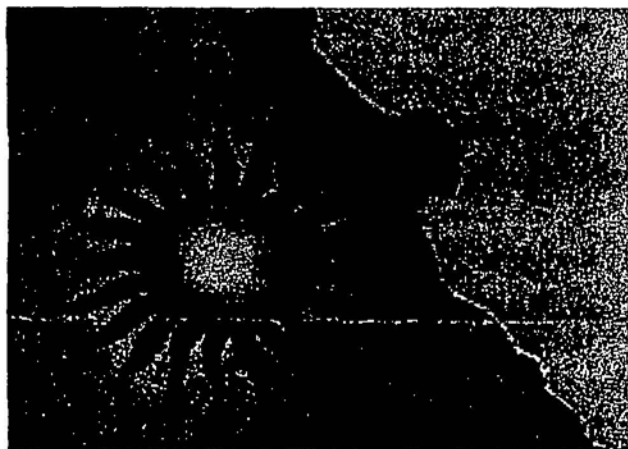
May 2000

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The Newsletter of the Monterey Bay Chapter of ACS

---

Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



Date: Thursday, May 25th

Time: 7:30 p.m.

Speaker: Dr. Jim Harvey, Moss Landing  
Marine Laboratories

Title: Marine Mammals and Global  
Warming

Information is emerging with increasing frequency on the impacts, both real and potential, of global warming. Clear evidence of threats to High Arctic, ice-dependent species such as the Polar Bear, has already been shown with cub production and survival already declining. Our speaker will explore the anticipated impacts on marine mammals, locally and globally. In general it seems likely that abundant, widespread "generalist" feeders such as Harbor Seals and California Sea Lions, will have an adaptive advantage (such as prey switching), over "specialist" foragers, such as the Blue Whale, dependent as it is on the continued formation of dense swarms of krill, near centers of upwelled cold waters.

This is an opportunity to learn the long-term ramifications for marine mammals of this coming change to their environment. Professor Harvey, who lectures and supervises graduate student research on marine mammals and seabirds at The Moss Landing Marine Labs., presented a much abbreviated version of this talk at the recent Sanctuary Currents Research Symposium in Santa Cruz in March. Please join us for an informed presentation on a topic of much interest and concern.

HOPKINS MARINE STATION LIBRARY

MAY 15 2000

# PACIFIC GROVE MUSEUM OF NATURAL HISTORY

165 Forest Avenue, Pacific Grove, California 93950  
Telephone (831) 648-3116, Fax (831) 372-3256, e-mail [pgmuseum@mbay.net](mailto:pgmuseum@mbay.net)  
[www.pgmuseum.org](http://www.pgmuseum.org)

## TEMPORARY EXHIBITS SCHEDULE

January 13, 2000

### **WHALES 2000: LARRY FOSTER — January 8, 2000 to June 18, 2000 —**

Often called the "Prince of Whales", sculptor and painter Larry Foster, creator of "Sandy the Whale", exhibits his anatomically correct depictions of whales.

### **39<sup>th</sup> ANNUAL WILDFLOWER SHOW — April 14, 15, and 16, 2000 —**

A collaboration with the Monterey Bay Chapter of the California Native Plant Society. View approximately 600 species and varieties of central California wildflowers.

### **MIRA: EXPLORING THE UNIVERSE FROM THE CENTRAL COAST**

— July 1, 2000 to September 24, 2000 — This exhibit highlights the leading astronomical research and education being done by our local organization.

### **UNDER ANTARCTIC ICE — October 7, 2000 to 21 January, 2001 —**

Unique photographs by Pacific Grove's underwater naturalist Norbert Wu, whose work was recently featured in *National Geographic*. This traveling exhibit is sponsored by the Pacific Grove Museum of Natural History and will be shown for the first time here.

### **NATURE PRINTS BY HOCHBERG — early February 2001 to April 22, 2001 —**

Eric Hochberg is Curator of Invertebrate Zoology at the Santa Barbara Museum of Natural History and an internationally known printer who played a major role in reviving the ancient art form of transferring natural objects onto prints on paper or cloth using ink or pigments.

### **40<sup>th</sup> ANNUAL WILDFLOWER SHOW — April 20, 21, and 22, 2001 —**

A collaboration with the Monterey Bay Chapter of the California Native Plant Society. View approximately 600 species and varieties of central California wildflowers.

### **SALUTE TO SONG BIRDS — May 1, 2001 to July/August 2001 —**

From the Effie Yeaw Nature Center, this traveling exhibit explores many aspects of songbirds' lives. Interactive, hands-on activities and colorful, informative panels address the challenges facing migratory songbirds and what individuals can do to help them.

# Monterey Bay Whale Watch

## List of Marine Mammal Sightings in the Monterey Bay Region

April 1 - April 30, 2000  
compiled by Richard Ternullo

Note -- In addition to sightings on Monterey Bay Whale Watch trips, this list includes all reported marine mammal sightings for this region. California Sea Lions, Harbor Seals, and Southern Sea Otters, which are seen on all whale watching trips, are not included in the list.

Date	#	Type of Animal(s)
4/30	25	Humpback Whales
	600	Risso's Dolphins
	350	Pacific White-sided Dolphins
4/29	32	Humpback Whales
	600	Risso's Dolphins
	610	Pacific White-sided Dolphins
	50	Northern Right Whale Dolphins
4/27	18	Humpback Whales
	250	Risso's Dolphins
	400	Pacific White-sided Dolphins
	20	Northern Right Whale Dolphins
4/26	15	Humpback Whales
	4	Gray Whales
	1000	Risso's Dolphins
	700	Pacific White-sided Dolphins
	100	Northern Right Whale Dolphins
4/25	14	Humpback Whales
	20	Pacific White-sided Dolphins
	1	Northern Elephant Seal
4/24	12	Humpback Whales
	1	Gray Whale
	1	Minke Whale
	700	Pacific White-sided Dolphins
4/23	2	Gray Whales

4/22	3	Gray Whales
	1	Minke Whale
	55	Risso's Dolphins
	6	Harbor Porpoise
4/21	3	Gray Whales
	8	Risso's Dolphins
4/20	4	Humpback Whales
	1	Gray Whale
	660	Risso's Dolphins
	600	Pacific White-sided Dolphins
	6	Northern Right Whale Dolphins
4/19	5	Gray Whales
	1	Humpback Whale
	260	Risso's Dolphins
	250	Pacific White-sided Dolphins
4/18	8	Gray Whales
	12	Killer Whales
	200	Risso's Dolphins
	3000	Pacific White-sided Dolphins
	10	Northern Right Whale Dolphins
4/17	3	Gray Whales
	300	Risso's Dolphins
	200	Pacific White-sided Dolphins
4/16	2	Gray Whales
	3	Humpback Whales
	10	Risso's Dolphins
	20	Pacific White-sided Dolphins
	2	Harbor Porpoise
4/15	4	Gray Whales
	4	Humpback Whales
	300	Risso's Dolphins
	100	Pacific White-sided Dolphins
4/14	3	Gray Whales
	1	Humpback Whale
	220	Risso's Dolphins
	100	Pacific White-sided Dolphins
	2	Harbor Porpoise

4/13	2	Gray Whales
	4	Humpback Whales
	2500	Pacific White-sided Dolphins
4/12	3	Gray Whales
	1	Humpback Whale
	1	Fin Whale?
	55	Risso's Dolphins
	5	Dall's Porpoise
4/11	3	Gray Whales
	3	Humpback Whales
4/10	4	Killer Whales
	75	Risso's Dolphins
	1500	Pacific White-sided Dolphins
4/9	7	Gray Whales (2 trips)
	2	Humpback Whales
	4	Killer Whales
	500	Risso's Dolphins
	500	Pacific White-sided Dolphins
4/8	15	Gray Whales (2 trips)
	2	Humpback Whales
	50	Risso's Dolphins
4/7	5	Gray Whales (1 trip)
	4	Killer Whales
	200	Risso's Dolphins
	200	Pacific White-sided Dolphins
	500	Long beaked Common Dolphins
	1	Northern Elephant Seal
4/6	7	Gray Whales (1 trip)
	2	Humpback Whales
	12	Killer Whales
	200	Risso's Dolphins
	1000	Long Beaked Common Dolphins
	1	Northern Fur Seal
4/5	10	Gray Whales (1 trip)
	50	Risso's Dolphins
4/4	8	Gray Whales (1 trip)
	100	Risso's Dolphins

4/3	9	Gray Whales (1 trip)
	50	Risso's Dolphins
4/2	26	Gray Whales (3 trips)
	300	Pacific White-sided Dolphins
	8	Bottlenose Dolphins
4/1	37	Gray Whales (3 trips)
	150	Risso's Dolphins
	8	Harbor Porpoise

# **AMERICAN CETACEAN SOCIETY - MONTEREY BAY CHAPTER YEAR 2000 BOARD MEMBERS**

<b>Title</b>	<b>Name</b>	<b>Address</b>	<b>Phone/E-Mail</b>
President	Jon Hubbard	Aromas, CA 95004	Home: 831-726-1737 Jon.Hubbard@svseeds.com
Vice President/ Publicity Chairperson	Dave Zaches	Monterey, CA 93940	Home: 831-372-7521
Recording Secretary	Cathy Cole	Pacific Grove, CA 93950	Work: 831-642-9037 cathyjcole@aol.com
Treasurer	Scott MacDonald	Aptos, CA 95003	Work: 831-644-9066 scott@qrc.net
Membership Secretary	Judy Hubbard	Aromas, CA 95004	Home: 831-726-1737 JAHubbard@UCDavis.edu
Past President	Dan Presser	Monterey, CA 93940	Work: 831-622-0800 fourwinds@redshift.com
Program Chairperson	Alan Baldrige	Pacific Grove, CA 93950	Home: 831-372-3809 baldrige@redshift.com
Newsletter Editor	Don McGrain	Aptos, CA 95003	Work: 831-761-4696 Home: 831-684-2128 dmcgrain@earthlink.net
Newsletter Mailing	Barbara Oliver	Monterey, CA 93940	Home: 831-373-2177 bordh@aol.com
Special Events Chairperson	Jerry Loomis	Pebble Beach, CA 93953	Home: 831-625-2120 PtLobos@mbay.net



# Sightings April 1-30, 2000

- CUVIER'S BEAKED
- ★ BAIRD'S BEAKED
- RISSO'S DOL
- P. WH-SIDED DOL
- ⊗ N. RH-WH. DOL
- COMMON DOL SP.
- ⊕ L/B COMMON DOL
- ⊕ S/B COMMON DOL
- ⊙ BOT. N. DOL
- ⊙ KILLER WHALE
- HUMPBACK WH.
- ▨ BLUE WHALE
- FIN WHALE
- ▨ MINKE WHALE
- ◇ DALL'S PORP
- ◆ HARBOR PORP
- ⊙ L. SEA TURTLE
- ☆ MESOPLONDON
- △ N. ELE. SEAL
- ★ N. FUR SEAL

SEA LIONS, HARBOR  
SEALS, SEA OTTERS  
AND GRAY WHALES  
NOT PLOTTED.

1900

1800

200 100

50

W 122° 00'

N 36° 40'

Santa Cruz

Pajaro River

Mass Landing

Sajinas River

Marina Beach

Pt. Pinos

Seaside

Monterey

Cypress Pt.

Carmel

Pt. Lobos

Yankee Pt.

Soberanes Rks

Rocky Pt.

Hurricane Pt.

Little Sur River

Pt. Sur

MBARI BOOY

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<input type="checkbox"/> Gift <input type="checkbox"/> Renewal <input type="checkbox"/> New Subscription							
Name _____							
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Chapter: #24 Monterey							

**Note:**  
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### The American Cetacean Society Online

The ACS Monterey Bay web site has moved. It's now at <http://www.starrsites.com/acsmmb>. The web site features information about the local chapter, including the latest meeting announcement, in addition to links to many exciting cetacean-related sites around the world.

ACS National also has a web site with even more information about cetaceans and other marine mammals, at <http://www.acsonline.org/>. This site includes links to other chapters, several Whale and Dolphin Fact Sheets, and lots more.

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# Soundings



American Cetacean Society

Monterey Bay Chapter

June 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



## Not Afraid to Ask: Confessions of a Whalewatch Naturalist

Speaker: Esta Lee Albright

Date: Thursday, June 29

Time: 7:30 p.m.

Upon retiring from college librarianship and after a lifetime of "messaging about in boats" from California to the Caribbean and Bermuda, Esta Lee Albright has become a Whalewatch Naturalist par excellence.

Her mission has become to provide accurate information for participants from around the U.S. and elsewhere, including "demanding" Elderhostel groups (i.e., they have very penetrating questions). Her whalewatch narrations cover local history (including exploration and whaling) and natural history of whales, dolphins and other local marine mammals. She has met some widespread misperceptions by both locals and visitors, and these will be explored during her talk for ACS.

She projects her enthusiasm in being out on the water, the joys of following an abundance of Humpbacks with their varied feeding bouts, often interrupted by spectacular aerial display, or the quiet moment of a whale's "curious" exploration under the hull of the boat.

Conservation and whale watch etiquette are other topics for discussion. The Monterey area has a long history of whaling and now enjoys the subsequent recovery of Grays, Humpbacks and Blues, together with a sometimes staggering abundance of dolphin species. These features make our area one of the world's premier locations for whalewatching.

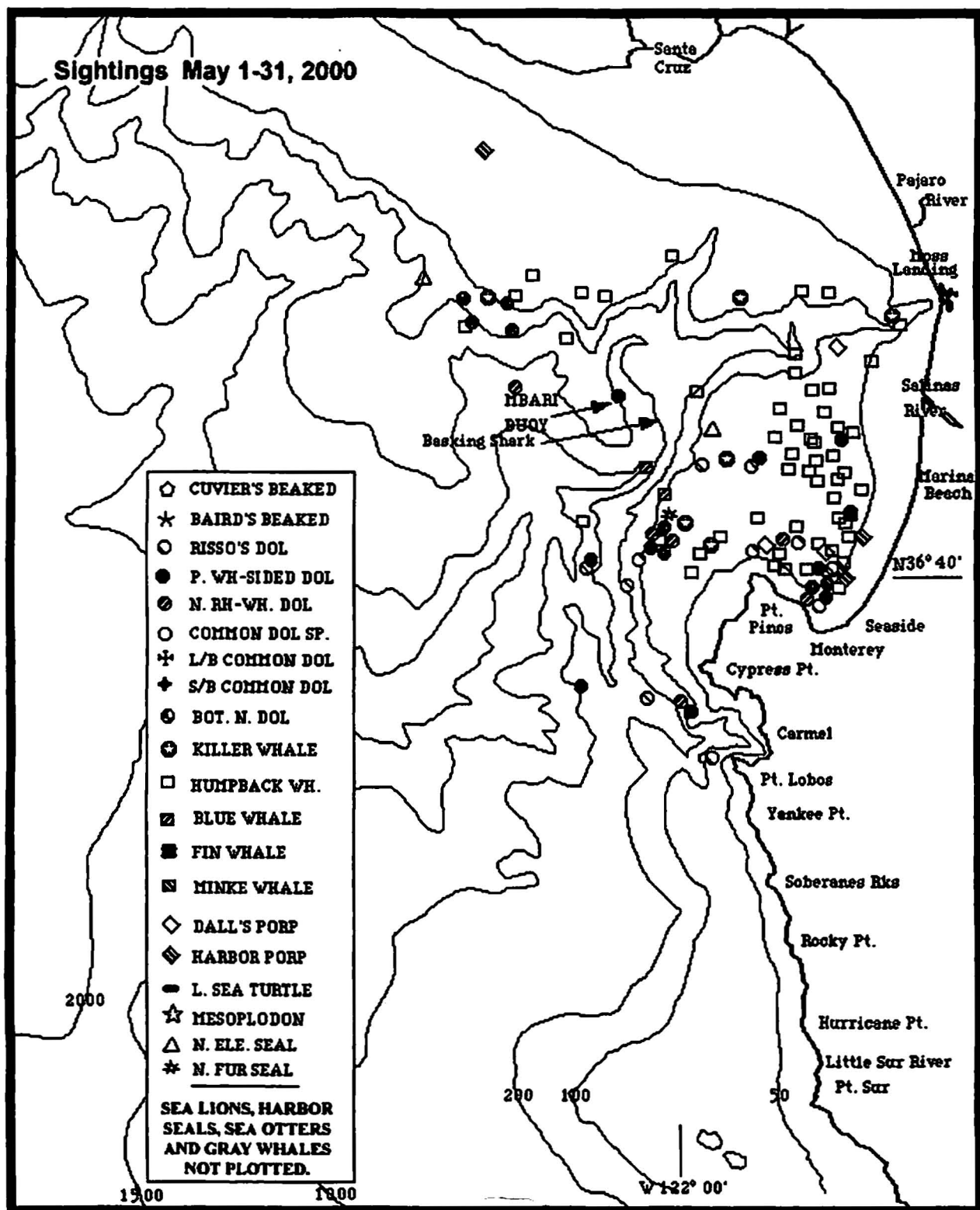
Esta Lee is well known to ACS/Monterey Bay members as former Chapter President, Newsletter Editor, and Beachwatch CEO. She developed the idea for, and edited, the special 20th anniversary insert to this issue of *Soundings*, honoring the chapter's founder and longtime member, Mary Rodriguez.

Please join us for an informative and most enjoyable evening of whale stories and adventures on the Bay.

**The Special 20th Anniversary *Soundings* is an insert to this issue. Dedicated to Mary Rodriguez, this special issue features articles recounting the history of the Monterey Bay Chapter of ACS, in addition to information about marine mammals and activities in the Monterey Bay area.**

# Marine Mammal Sightings Map

May 2000



# MARINE MAMMAL SIGHTINGS MAY 2000

Compiled by Richard Ternullo

The big news is the concentration of Humpback Whales within Monterey Bay feeding on fish. They have been mostly on shelf waters and are sometimes seen from shore near Pacific Grove. There have been times when feeding groups have combined with other marine mammals to form spectacular foraging events. Look for increased sightings of Blue Whale and a shift of Humpbacks to the canyon edges to feed on krill during early summer.

Among toothed whales, the continued presence of dolphin schools in large numbers is contrary to past behavior when school size decreases during spring and early summer. Strong NW winds during the past month may influence sight rate and school size for the next reporting period.

<u>Date</u>	<u>#</u>	<u>Location</u>	<u>Obs.</u>	<u>Date</u>	<u>#</u>	<u>Location</u>	<u>Obs.</u>
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## BLUE WHALE

5/24	1	4 mi NW Pt. Pinos	DL
5/24	1	4.5 mi NW Pt. Pinos	DD

## HUMPBACK WHALE

There are numerous sightings throughout the Bay of up to 100+ individuals. Feeding aggregations with PACIFIC WHITE-SIDED DOLPHINS, CALIFORNIA SEA LIONS, and thousands of seabirds have been one of the most spectacular events one can hope for in this lifetime.

## GRAY WHALE

Reports of individuals along the periphery of the Bay and the repeated sighting of an emaciated individual, nicknamed "Spot", near the entrance to Moss Landing. Spot seems to be trying to feed on the locally abundant NORTHERN ANCHOVY.

## KILLER WHALE

5/7	3	8 mi S Santa Cruz	SJ
5/10	3	2 mi W Moss Landing	L

These are CA160 (a "sprouter", or adolescent male, about 12 to 15 years old), CA54 (possibly his mother) and a calf.

5/11	3	7 mi SW Moss Landing	NL
5/16	2	7 mi S Santa Cruz	R/V JM
5/19	10	4.5 mi NW Pt. Pinos	DL
5/27	4	3 mi NW Pt. Pinos	DL

These are CA29 (first photographed in 1978 by M. Webber as an adult male, he is our oldest documented male and should be about 40 years old), CA26 (most likely his mother, putting her age at 50-60 years), CA49 (sibling of CA29?), and a calf (probably from CA49).

5/27	2	Near Franklin Pt., San Mateo Co.	MB
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## RISSE'S DOLPHIN

There are 10 sightings of up to 700+ individuals associated with PACIFIC WHITE-SIDED DOLPHIN and NORTHERN RIGHT WHALE DOLPHIN.

## PACIFIC WHITE-SIDED DOLPHIN

There are 21 sightings of up to 5000 individuals combined with a variety of other marine mammals.

## NORTHERN RIGHT WHALE DOLPHIN

5/7	200	2 mi SW Cypress Pt	NG
Associated with 400 PACIFIC WHITE-SIDED DOLPHIN.			
5/7	100	7.5 mi NW Pt. Pinos	MBW
Associated with 2000 PACIFIC WHITE-SIDED DOLPHIN and 1 HUMPBACK WHALE.			
5/8	20	Near Cannery Row	LO
Associated with 150 RISSE'S DOLPHIN and 40 PACIFIC WHITE-SIDED DOLPHIN.			
5/8	40	4 mi NW Pt. Pinos	NG

## DALL'S PORPOISE

5/18	3	3.5 mi SW Moss Landing	RT
5/19	10-15	3 mi W Marina Bch.	LO
5/19	3	4 mi SW Moss Landing	NG

## HARBOR PORPOISE

5/8	2	2 mi. S Wilder's Ranch	NG
5/11	2	1 mi W Marina Bch.	NG
5/19	7	1.5 mi W Marina Bch.	NG
5/28	4	1 mi. SW Marina Bch.	MBW

## NORTHERN ELEPHANT SEAL

5/9	1	9 mi WSW Santa Cruz	NG
5/19	1	6 mi NW Pt. Pinos	NG

## NORTHERN FUR SEAL

5/19	1	4 mi SW Moss Landing	NG
5/19	1	5 mi NW Pt. Pinos	NG

## BASKING SHARK

5/23	1	6 mi SW Moss Landing	MBW
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## CALIFORNIA SEA LION

Several hundred are hauled out on Monterey breakwater, or seen in the Bay. Many are sure to be at breeding sites in June.

## PACIFIC HARBOR SEAL

From Monterey Harbor to Pt. Lobos and Elkhorn Slough.

## SOUTHERN (CALIFORNIA) SEA OTTER

From Monterey Harbor to Pt. Lobos and Elkhorn Slough.

Observers: MB-M. Baxter, DD-D. Davi, DL-D. Lemon, NL-N. Lemon, L-Louie?, LO-L. Oliver, R/V JM-R/V John H. Martin, MBW-Monterey Bay Whale Watch, NG-National Geographic, SJ-Shearwater Journeys, RT-R. Ternullo.

## **ACS Membership Information**

The objectives of the American Cetacean Society include engaging in educational, conservational, and scientific pursuits for the purpose of expanding scientific knowledge of whales, dolphins, porpoises, and related creatures. The Monterey Bay Chapter meets at 7:30 p.m. on the last Thursday of each month at Hopkins Marine Station in Pacific Grove. Meetings and activities feature cetacea and various aspects of the marine environment. For additional information concerning ACS membership, contact Jon or Judy Hubbard at 726-1737.

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### **The American Cetacean Society Online**

Next time you're "surfing the 'net", be sure to visit the World Wide Web site of the local ACS Chapter at <http://www.starrsites.com/acsmmb/>. The web site features information about the local chapter, including the latest meeting announcement, information about other local events of interest, and links to many exciting cetacean-related sites around the world.

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# Soundings

*The Newsletter of the Monterey Bay Chapter of the American Cetacean Society*



Summer 2000

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## Special Anniversary Issue Celebrating the Chapter's Twentieth Anniversary

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Can you identify these cetaceans found in Monterey Bay? Look on the back page for their names.

*Photographs copyright © 2000 Nancy Black*



## About this special issue ...



Mary Rodriguez

With a newsletter that's been around for twenty years, a special issue needs to have a real mission. In June this year, we celebrate the twentieth anniversary of ACS Monterey Bay as a chapter. The mission of this issue is to honor the woman we called our "founding mother," Mary Rodriguez, who passed away last August. Mary had represented the Hawaii chapter of ACS at national board meetings and had the idea for a Monterey chapter. She suggested its formation to a group of local folks in 1980: Alan and Sheila Baldrige, Randy and Gail Puckett, Alison Tomlin, Jud Vandevere, Tom Williams, and Steve Webster. Randy was the first chapter president and Tom was vice-president. Alison was treasurer and various people served as secretary. Mary wrote the first newsletter issues, served as the first program chairman and was a devoted board member until cancer weakened her. Mary's friend Hazel Sayers, from ACS National Headquarters, was speaker at the first meeting. Mary worked on most committees, folded newsletters,

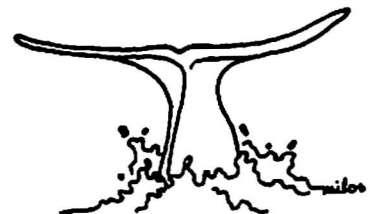
overcame people's objections about running for chapter offices, wore her yellow Beachwatch jacket with pride, and asked the most pointed questions at all the right times. A writer with great facility for words and wit, both in written and spoken language, she influenced all facets of the organization; she had a knack for expressing her reflections and persuasions in a pertinent, amusing manner.

The method, then, to achieve the issue's mission is to elaborate on activities of the chapter that Mary especially enjoyed. These, of course, form a wide-angle lens on the wealth of marine diversity in the Monterey region. Because of the resourceful people who have shaped the chapter all these years, we have been able to look through that lens with clarity and understanding. Species of cetaceans seen locally present a source of amazement and inspiration to anyone with an interest in marine mammals. The monthly meetings draw on an impressive body of local work concerning these animals and their world. The cash awards (grants) to students for their degree projects are one entre into the area's research (see "The ACS Grants and Common Dolphin" on page 8). The children's whale watch experience was the essence of an interest in creating a way for cetaceans to touch peoples' lives (see "The Whales for Kids Program" on page 6). The bi-annual whale watches continue that opportunity in another way – and support the chapter's finances. Mary herself was an avid watcher of whales, and of other people watching whales (see "Blue Whales for the First Time" on page 4). Volunteers

with beached marine mammals had another unique experience through Beachwatch, Seal Watch, and now Bay Net (see "Volunteers Don't Work for Nothing," page 10). Setting the stage is a continual alertness to events and studies that revise known facts about marine mammals (see "The Whale Year" on page 3, "Blue Whales in Central California" on page 5, and "Gray Whales and Humpbacks" on page 7).

The special issue has had enthusiastic support from the ACS Monterey Bay board and busy people gladly wrote the articles. Alan and Sheila Baldrige have given the necessary depth to both the plans and the information. Evelyn Starr, our web master, gave her skills to the layout. She also has made sure all the articles and information from this special issue appear, sometimes at greater length, on the chapter's web site at: <http://www.starsites.com/acsmb/>. Illustrations were chosen from the archive of *Soundings*, joyfully exhibiting again the work of Robert Western, Milos Radakovich and Robin Lee Makowski. If the issue successfully represents some of the marine wonders of Monterey, and the work of our founder and members, it must also be a prediction of another twenty years of meaningful work and high enjoyment. Happy Birthday, ACS Monterey Bay!

– Esta Lee Albright, issue editor



## THE WHALE YEAR

By Richard Terniullo

Alan Baldrige wrote a book with John Davis called *The Bird Year*. It described the annual passing of the seasons by the presence or behavior of the avian community during a calendar year. By observing what birds were present and their behaviors it is possible to gauge the time of year to within a few weeks, on nature's timetable. It is also possible to extend this premise to marine mammals. There is one very different concept to consider before one can appreciate the simile. Instead of thinking of the year in the traditional four divisions of winter, spring, summer, fall, the marine seasons fall into three seasons: Upwelling, Oceanic, and Davidson. Each can be characterized by the presence or behavior of the marine mammal community.

**DECEMBER.** The Davidson Current season has started about one month earlier with a decline in abundant food resources due to strong southerly gales. Gray whales make their appearance as they migrate southward to lagoons in Mexico to calve. Dolphins form large aggregations that may indicate localized food resources. These include Pacific White-sided Dolphin, Risso's Dolphin and Northern Right Whale Dolphin. During warm water years, Long-beaked Common Dolphin are abundant. Northern Elephant Seals come ashore to breed.

**JANUARY.** Southbound Gray Whale migration peaks by mid-month. Some calves are born near Monterey Bay before reaching Mexican waters. Killer Whales seem to shadow this migration, possibly feeding on early births of calves. Dolphins still form large groups. Northern Elephant Seals continue to put on a show of pupping and mating.

**FEBRUARY.** Gray Whales may be seen migrating in either direction. This is also the time to see dolphins. Pacific White-sided and Northern Right Whale Dolphins continue winter behavior.

**MARCH.** A sharp change in ocean conditions, the Upwelling Period. Strong northwesterly gales begin the phenomenon of upwelling. During this period, nutrients are transported to the ocean surface and, being exposed to longer day length, provide an opportunity for phytoplankton to proliferate.

Gray Whales peak in northbound migration. Dolphins disperse into smaller groups as food becomes more readily available. Long-beaked Common Dolphin usually retreat southward.

**APRIL.** Humpback Whales return. The first mother/calf Gray Whales are seen. Killer Whales are present, closely associated with this movement. Resident Harbor Seals begin giving birth at secluded locations along the coast. Northern Elephant Seals return to molt.

**MAY.** Humpback Whales are seen often. Reports of Gray Whale/Killer Whale interactions increase as mother/calf pairs migrate north. The first Minke Whales appear. Male California Sea Lions begin to migrate south to breed.

**JUNE.** Blue Whales begin to be seen. Humpback Whales are common. Dolphins are sporadic. California Sea Lions are nearly absent. Harbor Seal pups are weaned.

**JULY.** Blue and Humpback Whales are seen often. Dolphins remain unpredictable. During this period, Harbor and Dall's Porpoise calves may be visible.

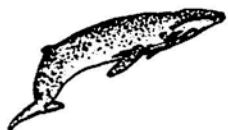
**AUGUST.** Northwesterly winds begin to slacken and warmer water invades the near coast, signaling the onset of the Oceanic season. Blue and Humpback Whales may disperse offshore, but are still frequently seen. Fin Whales are seen on an unpredictable basis. Dolphins are encountered regularly. Baird's and Cuvier's Beaked Whales begin to be seen. Male California Sea Lions return, while females remain to the south. On warm years, Long-beaked Common Dolphin appear. Blue Sharks and Ocean Sunfish are frequently seen.

**SEPTEMBER.** Humpback and Blue Whales can become irregular as forage becomes localized. Dolphins are present in large groups.

**OCTOBER.** Humpback and Blue Whales begin to drift southward in migration.

**NOVEMBER.** The first strong southerly gales begin the Davidson season and food resources are very localized. Blue and Humpback Whales depart south. Dolphins can still be numerous, forming large groups. Some Bottlenose Dolphin may appear to join resident groups.





## BLUE WHALES FOR THE FIRST TIME

*By Barbara Oliver*



When I met my future husband, Leon Oliver, he was captain of one of the Monterey boats used for whale watching by Monterey Sport Fishing. The company, Leon and his crew already had donated proceeds from several annual whale watch trips to the Monterey chapter of ACS. Being courted aboard a fishing and whale watch boat must be one of the more unusual ways to decide to marry someone, but it's also a good way to learn about the professional side of a future husband. Even though I had grown up inland, I soon learned to help spot whales by seeing their spouts in the distance.

One day we had a charter of insurance salesmen that wanted to see whales. My only experience "chasing blubber," as my Texan husband would say, was the previous winter watching the Gray Whales. This was in the middle of summer and I had no idea what was in store for me. We were fortunate to have Esta Lee Albright along as naturalist, one of Leon's old Coast Guard buddies, Manuel, and, of course, the insurance salesmen and their wives.

I can remember it was a typical Monterey Bay foggy day and we had been driving around trying to find some sort of marine mammal. The four of us on the topdrive were getting a little desperate when I saw them ... two of the biggest blows I had ever seen. After Leon and Esta Lee saw where I was pointing, they turned to me with very wide grins and said together, "Blue Whales."

Well, at that time I didn't know a Blue Whale from a Humpback. I was from Sacramento and obviously clueless. (Just for the record, I have since gotten a clue and can identify most of the critters out there.)

Still smiling, Leon turned the boat in the direction of the blows and pushed the throttle full speed ahead. We finally got into the area where Leon slowed the boat and tiptoed to the appropriate distance from the whales.

Now, there is a local person who is one of the many characters who frequent the wharf. I have seen him many times look out in the distance with rather intoxicated eyes and say, "It's amazing what the eyes can see that the mind can't." I never knew what the samhill he was talking about until I saw those Blue Whales. I saw them come up and blow and watched their backs go on forever. I had never seen anything so big. My brain couldn't comprehend what I was seeing. Finally, both of the whales raised their enormous heads, and, as they sounded, they

threw their flukes. Again, since this was my first look at a Blue Whale, I wasn't aware that this behavior was unusual, but it explained why Leon and Esta Lee were going crazy. And, their flukes were absolutely beautiful.

Then we waited. At this point I decided to go down on the deck. I observed several things. Most of the women had very large diamonds, which might explain the price of our premiums. I saw one rather pale woman in the lounge. Actually, pale green might be a more correct color. Everyone else was having fun. I ran back upstairs and waited. Leon had turned the engines off, so it was quiet. And we waited.

Most everyone was looking out to see where the whales were going to come up, but I was looking down at some of the rocks on several of the hands of several women on the deck below. Because I was being nosy, I saw it first. Just like a submarine, the whale came up parallel with the boat, five feet from us. The boat, *Magnum Force*, is seventy feet long. This whale was longer than the boat. It also looked wider. You could have had a dance with twenty people on its head! The blow was so big and so loud. None of us could speak. Our mouths were wide open. We saw the entire whale from its head to its tail. I still couldn't get my mind to comprehend what I was looking at. It slowly swam around the bow and, as it did, we could see it was looking at us. I saw its eye! I don't think any of us were breathing. It went around the entire bow, blew again and sounded.

With mouths still open we finally caught our breath. Then we were all talking at once. How can I describe to you what we saw? I don't think it's possible. Even the people down on the deck from inland places knew they had seen something special.

Time had run out and Leon turned the boat for home. As we were leaving, we got one more treat from those magnificent creatures. The whales were coming up and blowing. Riding their wakes were about a dozen Dall's Porpoises. I've seen porpoises and dolphins ride a boat's wake, but never a whale's wake. It was unbelievable. And beautiful.

That trip was eleven years ago. I have been on many summer whale watches since, but I never tire of seeing the Blues. I would encourage anyone who hasn't done a summer trip, such as the one for ACS Monterey Bay, to go. It will be a trip you will never forget.

# **BLUE WHALES IN CENTRAL CALIFORNIA: THE IMPACTS OF WHALING, FOLLOWED BY PROTECTION AND SUBSEQUENT RECOVERY**

*By Alan Baldridge*



Early shore-based whaling at Moss Landing killed only a few Blue whales, as Humpbacks were the major target between 1919-21. International whalers exploited the species on its wintering grounds offshore from Southern Baja California in the 1930's. Followed by a respite during and following World War II, San Francisco Bay whalers from Richmond resumed whaling, taking Blues again during the 1950's, ending in 1966.

The first Monterey Bay area sighting in recent times was in September 1970. The growth of Monterey-based fall pelagic birding, including the observing of marine mammals, was first undertaken by various Audubon Societies in the 1960's and 1970's. Later Debi Shearwater (Shearwater Journeys), followed later still by Nancy Black (Monterey Bay Whale Watch), have charted the return of Blues in this region. Blue whales occur regularly from July through early November, with occasional sightings earlier or later. In years of great krill abundance, the Blues respond, becoming common.

Following several years of ship surveys (National Marine Fisheries Service) and individual photo ID (J. Calambokidis and associates), the California/West Mexico population is now estimated at circa 2000 and is the most robust known, exceeding that in the Southern Ocean. Winter concentrations of "our" animals occur off Southwest Baja California, in the lower Gulf of California and as far south as the far offshore Costa Rica Dome.

Summer/fall feeding in California occurs first on the Cortez and Tanner Banks off San Diego followed by the Northern Channel Island waters off Santa Barbara, then the Monterey region and the Gulf of the Farallones/Cordell

Bank areas off San Francisco north to Sonoma County.

The first focused research on the Blue whale in our area was that of Moss Landing Marine Laboratories (MLML) Master's student Jill Schoenherr, who studied feeding behavior and ecology during an exceptional fall influx in 1986 of 25+ animals, concentrated along the Canyon rim, 6-7 miles NW of Point Pinos. Currently Dr. Don Croll and associates from UC Santa Cruz (UCSC) and MLML are studying Blues and other baleen whales in relation to upwelling and krill patch formation. They have found the animals to depart quickly once the krill patches are exhausted, but return as soon as they reform.

In periods of abundance here individuals, often in pairs, venture into the inner Bay off Hopkins Marine Station and Cannery Row, but return quickly to deeper waters. The persistent observer may also observe them from shore in the deep Carmel Submarine Canyon waters from Cypress Point, Pebble Beach, and from Point Lobos State Reserve, during July - September.

While normally seen singly or in pairs, groups of widely scattered animals may occur in areas of krill abundance.

Strandings have occurred at Bean Hollow State Park, San Mateo County (skeleton mounted and on public display at the Long Marine Laboratory, UCSC) and between Point Sur and the Big Sur River mouth. Two or three others have occurred in Southern California. Ship collisions are judged to have caused some of these deaths. Blues are often, but not always, encountered during our ACS/MB summer whale watch in late August or early September.



## "WHALES FOR KIDS" PROGRAM: PART OF OUR CHAPTER'S PAST - AND FUTURE?

*By Jo Guerrero*

In 1994 and 1995, the ACS Monterey Bay Chapter developed and implemented a really fun whale education program for some deserving 4th, 5th and 6th grade classes in the Alisal School District of Monterey County. I provide a brief summary here for two reasons:

1) in the hope that there may be individuals with an interest in reviving - and expanding! - that original project, and

2) to pay tribute to the very active Board of Directors during those years (including Mary Rodriguez), who whole-heartedly supported it.

Our board agreed that if we could help get underserved kids out on a boat to actually see whales, they would be much more likely to learn about them, remember what they learned, and ultimately make better decisions about conserving marine resources throughout their lives.

Fortunately, the AT&T Pro-Am Youth Fund, Monterey Sportfishing and the Alisal School District thought so too. In both years, AT&T funded our chapter so that we could pay for several classes to take gray whale watching boat trips offered by Monterey Sportfishing at a discounted price. Alisal School District staff were very supportive: administrators quickly identified classes from Alisal schools receiving Chapter 1 federal funding (due to the high percentage of socioeconomically disadvantaged students in

attendance), and along with classroom teachers, they then successfully finagled bus time and coordinated school and bus schedules to transport the kids.

Meanwhile, board members trained several volunteer ACS members as gray whale naturalists. These volunteers presented multimedia classroom programs to each class, and a day or two later met students, teachers and parent chaperones at Monterey Fisherman's Wharf to spend two hours whale-watching on the Bay.

The program was a great success, evidenced not only by the huge grins and shouts of excitement from the students on board, but also by the increased funding provided by AT&T Youth Fund the second year, allowing us to work with even more classes in the Alisal District.

I believe the biggest, maybe only, reason that the program hasn't continued to this day is that the ACS coordinator for the classrooms, naturalists, and boat trips really needed to be a paid staff person - or someone who could afford the time to volunteer many, many hours during November through January of each year. I sincerely hope one of these scenarios come true, because all young kids deserve chances like this. And what better place and time to make it happen than Monterey Bay of the new millennium, which now hosts more migrating grays than have visited our coast in more than a century.



## GRAY WHALES AND HUMPBACKS: THE DEPENDABLE WHALES

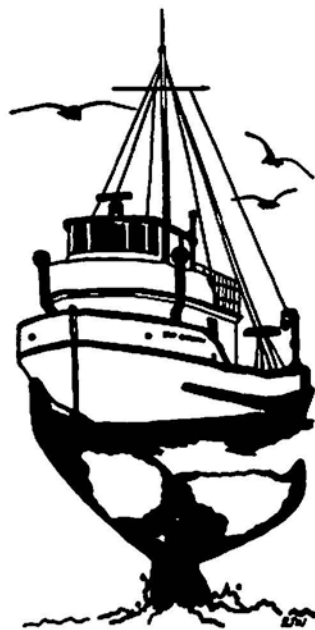
*By Esta Lee Albright*

The “dependable” whales of Monterey Bay, the ones we consider reliable for setting fund-raising cruises and for whale watch projects, are Gray Whales and Humpback Whales. When ACS Monterey Bay (ACSMB) started in 1980, the Gray Whale was considered the only one recurring annually in large numbers, with peak southward migration dates in mid-January and a good number to be seen going north in mid-March. Moreover, the migration seemed to be passing within three miles of the Central Coast of California. For years, whale watching was considered a winter activity from Monterey. Monterey Sport Fishing owners and captains began donating fund-raising winter whale watches for Monterey Bay ACS early in the 1980's.

Protected since the 1960's, numbers had increased to more than 15,600 whales by the time Monterey Bay ACS was begun in 1980. Monterey's Big Sur coastline was the site of ten years of census-taking by the federal government. In 1991, the population was estimated at 21,000. Finally, Gray Whales were removed from the Endangered Species list in 1994, with a population of 23,000. Such numbers, travelling at probably three to five miles per hour, with adults about thirty-five feet long, have made easy whale watch subjects.

Other whales were reported from time to time and early issues of the ACSMB's newsletter listed some of them. The chapter had been formed only three months when, at the regular August meeting, several people quickly organized a boat trip to go a mile outside Cypress Point to watch one Blue Whale that had been discovered feeding on krill at the edge of the submarine canyon. It became apparent, however, that Blue Whales were not alone on summer feeding grounds. Historical records showed, and observers saw it was still true – there were Humpback Whales out there.

The exciting, acrobatic Humpbacks make wonderful watching. At about 50 feet and 30 tons, they move quickly through areas rich in feed, often blowing curtains of bubbles underwater to herd schools of prey. Sometimes they are in the company of hundreds of dolphins and birds in multi-species feeding aggregations. At times they surprise watchers by making them the target of Humpback curiosity. They may spyhop next to the boat, swim along the side or underneath, or float motionless just under the surface close by.



Cascadia Research and associated scientists conduct an active photo-identification program and estimate a population here of just under 1000 Humpbacks from May to November approximately. The program locates this population southwest of Mexico or west of Costa Rica in the wintertime.

Now, whale watching is almost a year-round activity and the chapter has fund-raising whale watches in both winter and summer. Trips are enhanced by surprise sightings of dolphins, including Orcas. The excitement and popularity of Orcas along the coast have added to the appeal. Unlike resident pods of Orcas in fairly predictable locations in the Pacific Northwest, transient Orcas may move along the coast from California to Alaska. They hunt marine mammals. Still expected during the spring when Orcas prey on Gray Whale calves in migration, Orcas might be sighted unpredictably at any time. The published catalog of identification marks of west coast Orcas is an ongoing research project involving Nancy Black (ACSMB member and grant recipient) and Richard Ternullo (past-president of ACSMB). Through their whale watch and research company, Monterey Bay Whale Watch, they compile mammal sightings year-round from many sources on the bay. The list is found on their web site, <http://www.montereybaywhalewatch.com> and is featured monthly in this chapter's newsletter, *Soundings*.

## THE ACS GRANTS AND COMMON DOLPHIN



By Libby Osnes-Erie



### History of ACS Grants

In 1980, the American Cetacean Society Monterey Bay Chapter (ACSMB) began awarding one to four grants annually to local Master's degree and Ph.D. candidates conducting research on marine mammals. Generally, these grants support field research conducted either locally or out of the area by students from Moss Landing Marine Laboratories and University of California, Santa Cruz. The knowledge that the students gain is then shared with the Chapter through a lecture at one of the monthly meetings or a newsletter article.

The Bethel Grant is given each year in memory of the late Robert D. Bethel by his wife, Alice. Robert Bethel was a local ophthalmologist and a volunteer at the Monterey Bay Aquarium, a docent at Pt. Lobos State Reserve, and an active member of our chapter.

Typically, grant money has been raised through proceeds from ACSMB-sponsored whale watch trips which have been donated by Monterey Sport Fishing. In 1999 and 2000, however, two anonymous \$1000 donations were given for the grant program.

A complete list of awards, compiled by Alan Baldrige, appears in the box on the following page.

Other ACS chapters that award research grants include Los Angeles, Orange County, and San Diego. ACS - National also awards grants. Other local grants funding marine science research are awarded each year through the Dr. Earl H. and Ethel M. Myers Oceanographic and Marine Biology Trust.

Many award recipients present their research findings at marine mammal conferences and symposiums. In November 2000, ACS will sponsor a national conference which could feature some of the award recipients in lecture or poster presentations.

### Grant for Common Dolphin Research

In 1994, as a student at Moss Landing Marine Labs, I was fortunate enough to be awarded an ACSMB grant which helped with expenses incurred during my Master's thesis research on Food Habits

of Short-beaked (*Delphinus delphis*) and Long-beaked (*D. capensis*) Common Dolphins off California.

My involvement with ACS was directly responsible for the topic I chose for my research. During the 1992 ACS National Conference in Monterey, I was talking with Alan Baldrige at the opening reception at the Monterey Bay Aquarium. We were discussing common dolphins and research that was being done to determine if the two types (short-beaked and long-beaked) were really two separate species. Alan and I spoke to Dr. John Heyning, who happened to be one of the researchers on that project, and Dr. Heyning mentioned that he'd like to know more about common dolphin food habits. Dr. Heyning ended up being on my thesis committee and the rest is history.

So, what did I do? I examined stomach contents of 45 short-beaked and 49 long-beaked common dolphins killed incidental to fishery operations and stranded specimens collected from 1975 to 1994.

And what did I find? Prey species identified among the four dolphin groups (short-beaked in the by-catch, short-beaked that had stranded, long-beaked in the by-catch, and long-beaked that had stranded) included 49 fish species, 18 cephalopod species, and one crustacean species.

Short-beaked common dolphin in the by-catch appeared to have different prey species that were important compared to the other three dolphin groups. This would indicate that short-beaked common dolphin spend more time foraging offshore compared to long-beaked common dolphin which spend more time foraging nearshore. Long-beaked common dolphins and stranded short-beaked common dolphin ate similar predominant prey species. This would indicate that short-beaked common dolphin in the process of stranding switch from their "normal" prey species and forage on nearshore prey similar to long-beaked common dolphin. The use of stomach contents from stranded common dolphins to determine "normal" food habits, therefore, may result in erroneous conclusions. Male and female common dolphins of both species had similar diets. Prey species eaten by short-beaked and long-beaked common dolphins were similar among three oceanographic periods.



## ACSMB RESEARCH GRANT AWARDS 1983-2000

*Compiled by Alan Baldridge*

Awards usually \$500

\*\*\* Robert D. Bethel Awards \$600

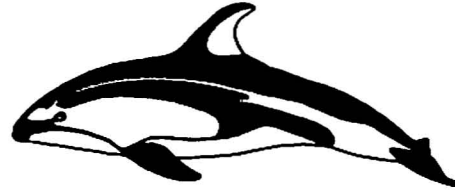
Year, Name, Affiliation, Abbreviated Titles:

UCSC University of CA at Santa Cruz

MLML Moss Landing Marine Labs

GMONT Grossmont College

UCD University of CA at Davis



- 1983** Susan Shane, UCSC Pilot whale social organization and behavior.  
Dane Mason, MLML Schooling behavior of the Common dolphin.
- 1984** Elizabeth Ann Matthews, UCSC Sex determination in migrating Gray whales, from tissue samples.  
Greg Silber, MLML Vocalization and associated behavior in Hawaiian Humpbacks.
- 1985** Bernie Tershy, MLML Association among Fin and Brydes whales, Gulf of California, Mexico.  
Ken Nicholson, MLML Feeding and migratory behavior in California Sea lions in Monterey Bay.  
Ted W. Cranford, UCSC Geometry of sound generation mechanisms in Delphinid cetaceans.
- 1986** Susan Kruse, UCSC Risso's dolphins in Monterey Bay.
- 1987** Susan Kruse, UCSC Risso's dolphins in Monterey Bay.  
Bernie Tershy, MLML Feeding ecology and social behavior of Rorqual whales in the Sea of Cortez.  
Tom Jefferson, MLML Dall's porpoise behavior in the Johnstone Strait, British Columbia.
- 1988** Nancy Black, MLML Pacific White-sided dolphins in Monterey Bay.  
Mari Smultea, MLML Humpback whale cow/calf pods in Maui.  
Jim Sumich and W.C. Graham, GMONT Gray whale migration in the Southern California Bight.
- 1990** Dawn Goley, UCSC Behavior of Pacific White-sided dolphins in Monterey Bay.  
Salvatore Cerchio, MLML Song variation within a breeding population of Humpbacks.  
Craig Hawkinson, MLML Summer feeding of Gray whales in Northern California.
- 1991** Eric Dorfman, MLML Radio-tagging Harbor porpoises in Monterey Bay.  
Tom Norris, MLML Song of the Humpback whale: repetition in a noisy environment. \*\*\*
- 1992** Steve Trumble, MLML Food Habits, seasonal abundance and mother/pup relations of Harbor seals near Monterey Bay.  
Tom Norris, MLML Song of the Humpback whale: repetition in a noisy environment. \*\*\*
- 1993** Daniela Maldini, MLML Photo-identification of Bottlenose dolphins in Monterey Bay. \*\*\*
- 1994** Corinne Bacon, UCSC Sea otters and pollutants. \*\*\*  
Libby Osnes-Erie, MLML Food habits of two forms of Common dolphin.  
Lisa Caron, MLML Genetic variation within California sea otters.  
Tony Orr, MLML California sea lion diving and feeding behavior in Baja California.
- 1995** Barb Odum, MLML Harbor Porpoise distribution in relation to prey in Monterey Bay. \*\*\*  
David Levenson, UCSC Visual sensitivity in three pinniped species.  
Michelle Lander, MLML Harbor seal pup survival: wild compared with rehabilitated.
- 1996** Jennifer Jolly, UCSC Diet switching/profitability in Elkhorn Slough Sea otters. \*\*\*  
Barb Odum, MLML Harbor porpoise distribution in relation to prey density in Monterey Bay.
- 1997** Brandon Southall, UCSC Auditory masking in the Northern elephant seal.  
Darian Houser, UCSC Kidney function in Northern elephant seals and Bottlenose dolphins.  
Teri Nicholson, MLML Harbor seal underwater social structure and behavior at Hopkins Marine Station. \*\*\*
- 1998** Jason Gedamke, UCSC Breeding ground acoustic behavior of Minke whales, Lizard Island, Australia.  
Shawn Noren, UCSC Thermoregulation in Pacific white-sided dolphins. \*\*\*
- 1999** Mark Clementz, UCSC Evolutionary studies of Cetacea and Sirenia using isotopic analysis.  
Caryn Weiss, UCSC Differential calf survivorship in Bottlenose dolphins.  
Jason Gedamke, UCSC Minke whale breeding ground behavior on the Great Barrier Reef, Australia. \*\*\*
- 2000** Kara Buckstaff, UCSC Impacts of Watercraft Disturbance on Vocal Behavior of Bottlenose Dolphins.  
Anurag Kumar, MLML Territoriality in Male Harbor Seals.  
Shawn Rancee Noren, UCSC Diving in Bottlenose Dolphins.  
Krista Hanni, UCD Determinants of Survival in Juvenile Southern Sea Otters. \*\*\*

## VOLUNTEERS DON'T WORK FOR NOTHING

*By Milos Radakovich*

The bad news is that the government can't really protect your house, your car, or your kids. It's your job! The good news is that you will probably do a better job. You are closer, more familiar with the subject, and have a personal stake in the outcome. The same is true of our local environment - from land forest to kelp forest, and everything in between. It's your job, it's my job, it's our job.

Here in the Monterey Bay area, mention the word volunteer and it seems everyone in the room turns around. The last two decades of the 20th century have been characterized by many things, some good some bad. One of the good things has been an increase in volunteerism. Here on the Monterey peninsula, we are very fortunate to have many good organizations, with literally thousands volunteering their time and talents, many commuting great distances to do it.

Through cooperation with local agencies and funding of research grants, the Monterey bay chapter of ACS has over 20 years of supporting community education, marine conservation and the protection of marine mammal species.



In 1982, ACS members Esta Lee Albright and Milos Radakovich founded Beachwatch, a marine mammal stranding team. In the first fifteen years of activity, Beachwatch provided an early-answer coverage for beached elephant seals, sea lions, harbor seals, sea otters and dolphins. The goal of continuing Beachwatch is to help the local SPCA and the Sausalito-based Marine Mammal Center (TMMC) respond more effectively to reports of

marine mammals on public beaches, where both animals and curious humans might be in danger. Notified of a stranding, a Beachwatch coordinator deploys volunteers to set up a protective perimeter around the animal until it returns to the water or, in the event of illness or injury, is picked up by the appropriate agency. The Beachwatch volunteer monitors the animal's behavior, educates curious public about the species, makes notes and photographs, and contributes to formal and informal reports. Integration with scientific and wildlife management agencies serves to give much-needed knowledge and credibility to a citizen-based volunteer program like Beachwatch. Close coordination with private and government agencies is always challenging, but our mutual goals of marine mammal protection and "land mammal" education have proved to be the unifying factor, most of the time.

In that same year, the local ACS chapter participated in another community effort: to facilitate the raising of \$24,000 for the purchase of "Sandy", a 25-ft. Gray whale sculpture, for the Pacific Grove Museum of Natural History. Spearheaded by local ACS vice president, Milos Radakovich, the program offered to individuals and businesses a chance to buy "shares" of Sandy at \$3 per pound ( $\$24,000 / 8,000\text{lb} = \$3 / \text{lb}$ ). Within six months, they had raised over \$30,000, enough to purchase Sandy from artist Larry Foster, with enough left over to build a special display pedestal. By surrounding the kid-friendly Sandy with a sand border, she was made safer to climb. Since then, the Museum has completed a cetacean wing and is currently exhibiting many of Foster's whale drawings and paintings.

An outgrowth of the Beachwatch volunteer program was Seal Watch. This was led by Kay and Bob Huettmann, two volunteers who answered many calls to newborn harbor seal pups in the Pebble Beach area. Using Beachwatch as a model, and receiving training specific to harbor seals on a nursery site, the Seal Watch volunteers provided twelve hours per day of monitoring, protection and education to the public at the nursery sites, for almost two months of the seals' pupping time each year. The program contributed to harbor seal research with the addition of a blind near a beach for

long-term observation and with an annual census of harbor seal pups on the nursery beaches of Pebble Beach. After ten years of operation, Seal Watch successfully retired when Pebble Beach Company closed the nursery beaches to the public during birthing season.

The value of protection and education of both marine and human mammals on the beaches is apparent. When the Monterey Bay National Marine Sanctuary was formed in 1992, there was added a concern for appreciation of the beauty of the area and all its complex sea life. Bay Net, the Monterey Bay National Marine Sanctuary Volunteer Network, was created to provide assistance with viewing this sea life. Bay Net's docent-naturalists are stationed at selected locations along the shoreline of the MBNMS, in Monterey, Pacific Grove and Santa Cruz. They are on-site interpreters answering

questions about the area's culture, history and wildlife - also the history, programs and policies of the MBNMS. Bay Net volunteers have integrated Beachwatch training and tasks into their program. In 1997-98, training was extended to the Cambria-based "Friends of the Elephant Seal" (FES) docents who help visitors to the new seal colony at Point Piedras Blancas, near Hearst Castle.

Bay Net is funded by tax-deductible contributions from individuals, organizations and agencies. Funds are channeled through the Center for Marine Conservation, a Washington D.C.-based non-profit conservation organization with offices in San Francisco, Santa Cruz and Santa Barbara. The program's director is Milos Radakovich, former ACS-Monterey Bay president and one of the originators of Beachwatch. The Bay Net web site is <http://www.mbay.net/~baynet>.



## MARINE MAMMALS FOUND IN THE MONTEREY BAY AREA

*by Alan Baldrige*

### Status abbreviations:

- SR - seasonal resident
- YR - year-round resident
- ST - seasonal transient
- RST - rare seasonal transient
- \* Threatened \*\* Endangered

### Common Name Status

#### PINNIPEDS:

- Steller sea lion \* SR
- California sea lion SR
- Northern fur seal ST
- Guadalupe fur seal RST
- Harbor seal YR
- Northern elephant seal SR

#### FISSIPED:

- Southern sea otter \* YR

#### CETACEANS:

- Northern right whale \*\* RST
- Blue whale \*\* ST
- Fin whale \*\* ST
- Minke whale \*\* SR

- Humpback whale \*\* SR
- Gray whale ST
- Sperm whale \*\* ST
- Pygmy sperm whale RST
- Baird's beaked whale ST
- Cuvier's beaked whale RST
- Short-finned pilot whale RST
- Killer whale ST
- False killer whale RST
- Pacific white-sided dolphin SR
- Bottlenose dolphin SR
- Risso's dolphin SR
- Long-beaked common dolphin ST
- Short-beaked common dolphin ST
- Northern right whale dolphin SR
- Dall's porpoise SR
- Harbor porpoise SR

(Omitted are several ultra-rare species.)

Source: A. Baldrige, pers. comm., in *Heimlich-Boran Marine Resources and Human Activities in the Monterey Bay Area*, 1988. Updated February, 2000.

## Soundings Special Twentieth Anniversary Issue

a supplement to the June 2000 issue of *Soundings*, the newsletter of the  
Monterey Bay Chapter of the American Cetacean Society

Editor: *Esta Lee Albright*

Layout: *Evelyn Starr*

Bottlenose Dolphin	Killer Whales
Blue Whale	Harbor Porpoise
Humpback Whale	Gray Whale
Fin Whale	Pacific White-sided Dolphin
Risso's Dolphin	Common Dolphin
	Northern Right-whale Dolphin

*Cetaceans on Front Cover*

### Past Chapter Presidents:

Randy Puckett 1980-81  
Milos Radakovich 1982-83  
Esta Lee Albright 1984-85  
Sheila Baldrige 1986-87  
Jerry Loomis 1988-89  
Jim Willoughby 1990-91  
Diane Glim 1992-93  
Jo Guerrero 1994-95  
Richard Ternullo 1996-97  
Dan Presser 1998-99

### Chapter Board Members, 2000:

President: Jon Hubbard  
Vice-president: Dave Zaches  
Recording secretary: Cathy Cole  
Treasurer: Scott MacDonald  
Membership: Judy Hubbard  
Program chair: Alan Baldrige  
Newsletter editor: Don McGrain  
Mailing: Barbara Oliver  
Special Events: Jerry Loomis  
Whalewatch: Katherine Whitaker  
Past president: Dan Presser

Webmaster: Evelyn Starr

### Scientific Advisory

#### Committee:

Alan Baldrige  
Jud Vandevere  
Tom Kieckhefer  
Jerry Loomis  
Jo Guerrero  
Libby Osnes-Erie  
Esta Lee Albright

### Illustrations in this issue:

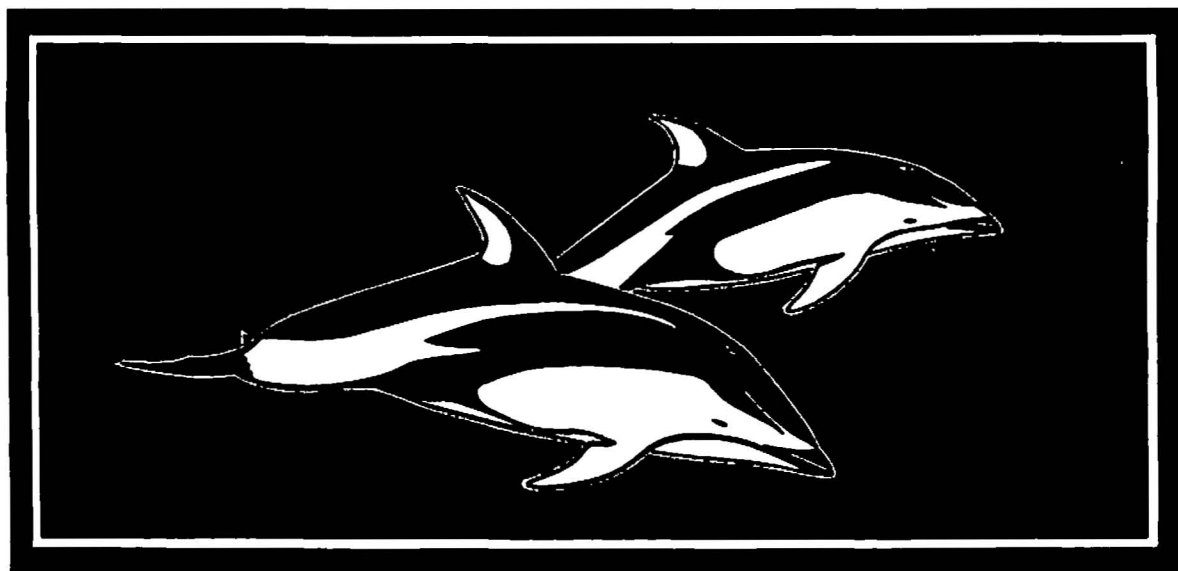
Cover photos: Nancy Black

Drawings:

Robin Lee Makowski (pages  
4, 5, 8)  
Milos Radakovich, (page 2)  
Robert J. Western (pages 3, 6,  
7, 9, 11, 12)  
Kent Zilliox (page 10)

The Monterey Bay Chapter of  
ACS meets the last Thursday of  
each month except December in  
the Boatworks Building of  
Hopkins Marine Station, Pacific  
Grove.

American Cetacean Society  
Monterey Bay Chapter  
PO Box HE  
Pacific Grove, CA 93950  
[www.starrsites.com/acsmmb/](http://www.starrsites.com/acsmmb/)



# Soundings



American Cetacean Society

Monterey Bay Chapter

July 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



(C) Norbert Wu/www.norbertwu.com

Date: Thursday, July 27th  
2000

Time: 7:30 p.m.

Speaker: Norbert Wu,  
Underwater Photographer,  
Cinematographer and Writer

Title: *Under Antarctic Ice*

Mr. Wu will be showing his photographs of underwater life made in the course of filming for a new PBS Nature program "Under Antarctic Ice", which will air in the fall of 2001. He has photographed in every conceivable locale, ranging from the freezing waters of the Arctic and Antarctic to the coral reefs and jungles of the tropics. His slides and a brief video this evening will include such animals as Orcas, Weddell seals, Penguins and other marine life. His work has appeared in such magazines such as National Geographic, Audubon, German GEO, and Natural History and he is the author and photographer of eight books on wildlife and photography. He has worked as chief still photographer for Jacques Cousteau's 'Calypso' and as cinematographer for numerous television productions. His background includes Degrees in Engineering from Stanford and Doctoral studies from Scripps Institution of Oceanography. He is also a Research Associate of the California Academy of Sciences. The Antarctic work was supported in part by National Science Foundation (NSF) Artists and Writers Grants to document wildlife and research in Antarctica in 1997 and 1999. In 1999 he was awarded a Pew Marine Conservation Fellowship that will allow him to pursue a marine conservation project for the next three years.

Please join us for an extraordinary evening of glimpses into a little known world by a highly acclaimed photographer.

*Some of Mr. Wu 's books will be on display and available for purchase.*

August Blue Whale Quest has been set! See inside for details!

*"They say the sea is cold, but the sea  
contains the hottest blood of all, and the  
wildest, the most urgent.*

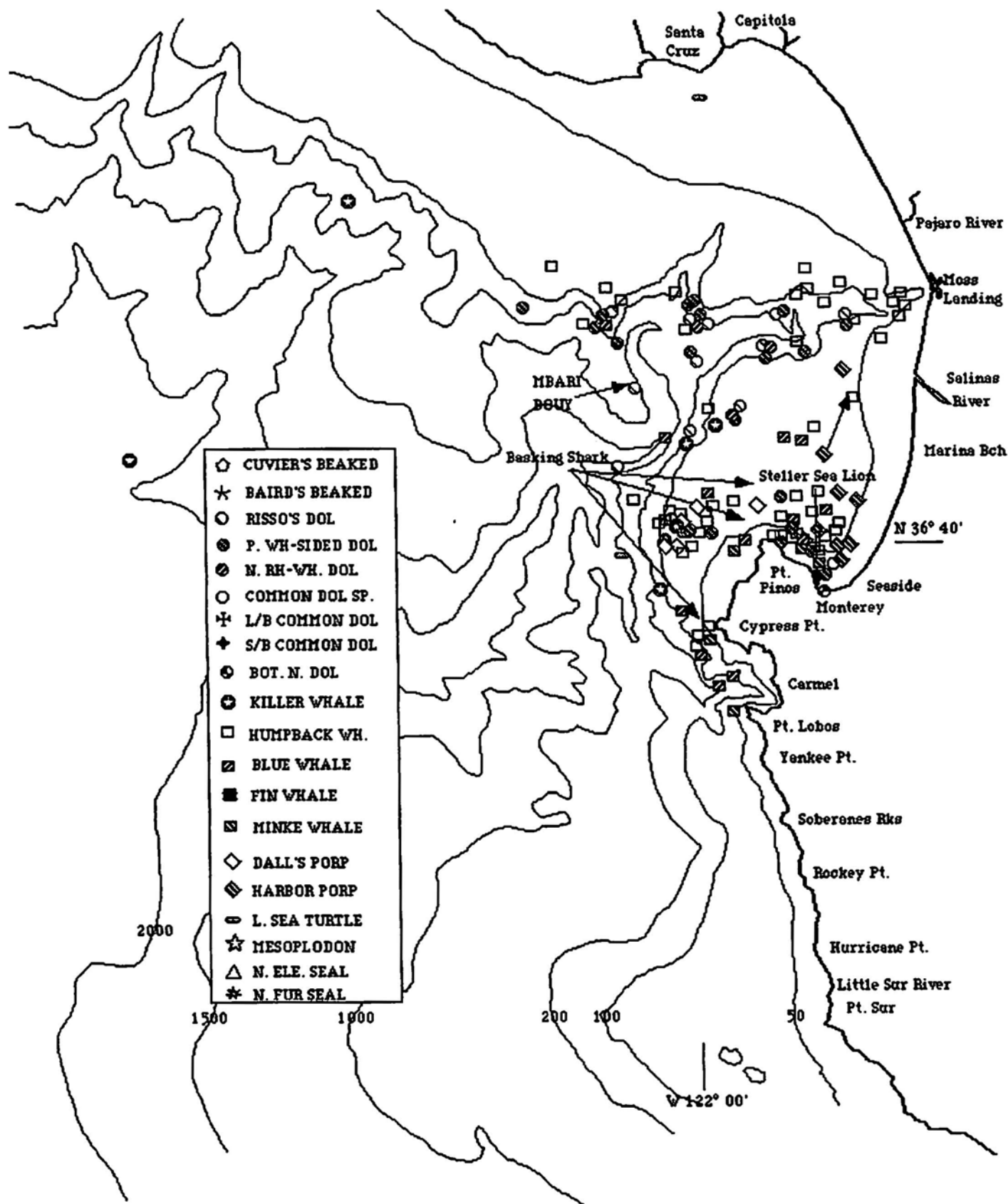
*All the whales in the wider deeps, hot  
are they, as they urge on and on, and  
dive with the icebergs.*

*The right whales, the sperm whales, the  
hammer-heads, the killers there they  
blow, there they blow, hot wild breath  
out of the sea!"*

*D.H. Lawrence*

**August Blue Whale Quest** has been set - Please join us **August 20th (Sunday)** in our annual quest see the blue whales on their annual visit to Monterey Bay. This year we will be hosted by Monterey Bay Whale Watch for a 6 hour trip departing from Fisherman's Warf at 9:00, Sunday, August 20th to look for the various summer whale of Monterey Bay including Humpbacks, Minke and the Blue Whales. We can also hope to see various species of dolphins, porpoise, turtles, and sea birds. Ticket prices are \$40 for members, \$50 for non members. Please contact Katherine or Sue Whitaker at 373-2274 for reservations and more information. Bring a friend, a warm jacket and your sharp eyes, and plan on a good time.







### ACS Membership Information

The objectives of the American Cetacean Society include engaging in educational, conservational, and scientific pursuits for the purpose of expanding scientific knowledge of whales, dolphins, porpoises, and related creatures. The Monterey Bay Chapter meets at 7:30 p.m. on the last Thursday of each month at Hopkins Marine Station in Pacific Grove. Meetings and activities feature cetacea and various aspects of the marine environment. For additional information concerning ACS membership, contact Jon or Judy Hubbard at 726-1737.

AMERICAN CETACEAN SOCIETY MEMBERSHIP APPLICATION							
Types of Memberships, Annual Dues							
<input type="checkbox"/> Patron (\$500)	<input type="checkbox"/> Contributing (\$250)	<input type="checkbox"/> Supporting (\$75)	<input type="checkbox"/> Active (\$35)	<input type="checkbox"/> Family (\$45)	<input type="checkbox"/> Foreign (\$45)	<input type="checkbox"/> Student (\$25)	<input type="checkbox"/> Subscription \$15/12 issues
<input type="checkbox"/> Gift <input type="checkbox"/> Renewal <input type="checkbox"/> New Subscription							
Name _____							
Address _____							
City _____ State _____ Zip _____							
<input type="checkbox"/> Check <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa    Credit Card No. _____ Exp. Date _____							
Signature _____							
Return to: Membership Secretary, ACS Monterey Bay Chapter							
For Subscriptions Make Checks Payable to ACS/Monterey Bay Chapter Send to PO Box HE, Pacific Grove, CA 93950							
Chapter: #24 Monterey							

Note: Subscription does not entitle subscriber to membership benefits

### The American Cetacean Society Online

The ACS Monterey Bay web site has moved. It's now at <http://www.starrsites.com/acsmmb>. The web site features information about the local chapter, including the latest meeting announcement, in addition to links to many exciting cetacean-related sites around the world.

ACS National also has a web site with even more information about cetaceans and other marine mammals, at <http://www.acsonline.org/>. This site includes links to other chapters, several Whale and Dolphin Fact Sheets, and lots more.

**American Cetacean Society  
Monterey Bay Chapter  
PO Box HE  
Pacific Grove, CA 93950**

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# Soundings



American Cetacean Society

Monterey Bay Chapter

August 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



Date: Thursday, August 31st,  
2000

Time: 7:30 p.m.

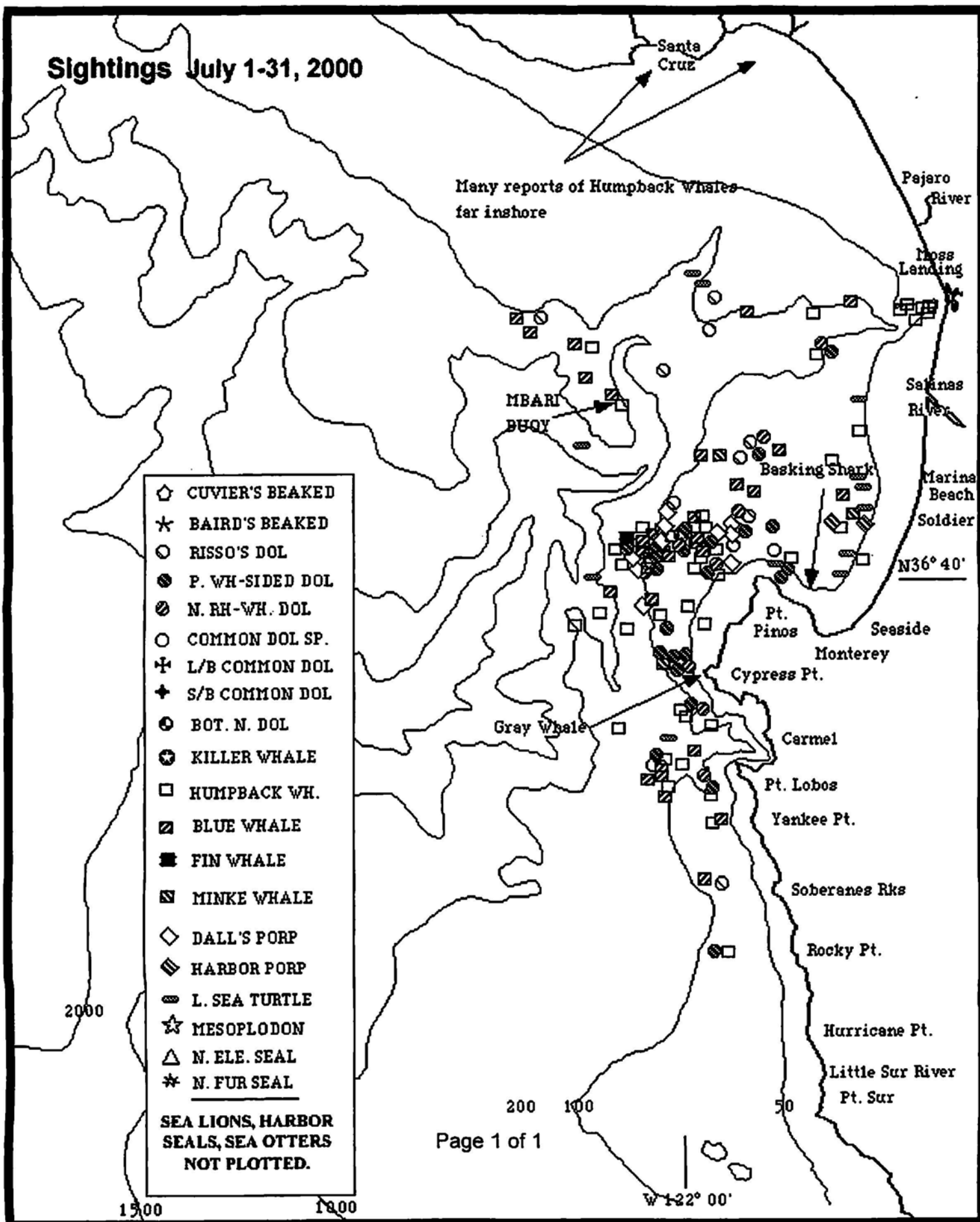
Speaker: **Dr. Frances Gulland**,  
Director of Veterinary Science,  
Marine  
Mammal Center, Sausalito

Title: **Sea Lions and Gray  
Whales: reasons for the recent  
increase of**

The deaths of several hundred California sea lions in 1998 in the Monterey Bay region were investigated and confirmed to be the result of ingestion, via anchovies, of the neurotoxin domoic acid, found in the phytoplankton *Pseudonitzschia australis*. This was the first proven case locally, although there were previously suspected cases. Our speaker, who received her Ph.D. and Vet .M.D. from Cambridge University, will explore the discovery of this "new" marine toxin and its effects on marine species. There have been further deaths (80+) this summer, to the south of San Luis Obispo County, involving many nursing female sea lions. Northbound Gray whales entered San Francisco Bay in unusual numbers this spring, the Marine Mammal Center (MMC) followed their movements and, where possible, necropsied those found dead. Our speaker will discuss the causes of these mortalities. If time permits, Dr. Gulland will discuss MMC's other science-based investigations, carried out in addition to the more routine humane operations. These have added much to our knowledge and understanding of the lives of local marine mammal species. The sea lion/domoic acid work was presented at the Society for Marine Mammalogy Biennial Conference on Maui in November 1999. If time permits, our distinguished speaker will describe other Marine Mammal Center activities.

Please join us for a special evening offering the opportunity to update our understanding of the life histories of marine mammals.

# Sightings July 1-31, 2000



# List of Marine Mammal Sightings in the Monterey Bay Region

July 1 - July 31, 2000

compiled by Richard Ternullo

Note -- In addition to sightings on Monterey Bay Whale Watch trips, this list includes all reported marine mammal sightings for this region. Unusual sightings of other marine animals such as Leatherback Sea Turtles and Basking Sharks are also listed. California Sea Lions, Harbor Seals, and Southern Sea Otters, which are seen on all whale watching trips, are not included in the list.

Date	#	Type of Animal(s)
7/31	2	Humpback Whales
	8	Blue Whales
	20	Pacific White-sided Dolphins
	60	Common Dolphin sp.
	5	Risso's Dolphins
	4	Dall's Porpoise
7/30	1	Humpback Whales
	12	Blue Whales
	30	Pacific White-sided Dolphins
	20	Risso's Dolphins
	1	Northern Elephant Seal
	1	Leatherback Sea Turtle
7/29	3	Humpback Whales
	5	Blue Whales
	500	Pacific White-sided Dolphins
	600	Risso's Dolphins
	400	Northern Right Whale Dolphins
	2	Harbor Porpoise
7/28	6	Humpback Whales
	4	Blue Whales
	980	Pacific White-sided Dolphins
	1000	Risso's Dolphins
	750	Northern Right Whale Dolphins
7/27	11	Humpback Whales
	32	Blue Whales
	500	Pacific White-sided Dolphins
	60	Risso's Dolphins
	10	Dall's Porpoise
	1	Leatherback Sea Turtle
7/26	12	Humpback Whales
	20	Blue Whales
	500	Pacific White-sided Dolphins
	75	Risso's Dolphins
	100	Northern Right Whale Dolphins
7/25	8	Humpback Whales
	3	Blue Whales
	20	Pacific White-sided Dolphins
	10	Risso's Dolphins
7/24	10	Humpback Whales

	11	Blue Whales
	20	Pacific White-sided Dolphins
	200	Risso's Dolphins
	5	Dall's Porpoise
7/23	12	Humpback Whales
	1	Blue Whale
	50	Risso's Dolphins
	1	Leatherback Sea Turtle
7/22	16	Humpback Whales
	30	Blue Whales
	2	Leatherback Sea Turtles
7/21	15	Humpback Whales
	8	Blue Whales
	20	Pacific White-sided Dolphins
	5	Dall's Porpoise
	1	Leatherback Sea Turtle
7/20	17	Humpback Whales
	15	Blue Whales
	300	Pacific White-sided Dolphins
	600	Risso's Dolphins
	400	Northern Right Whale Dolphins
	1	Harbor Porpoise
	1	Leatherback Sea Turtle
7/19	8	Humpback Whales
	12	Blue Whales
	200	Pacific White-sided Dolphins
	100	Risso's Dolphins
	1	Leatherback Sea Turtle
7/18	12	Humpback Whales
	200	Pacific White-sided Dolphins
7/17	18	Humpback Whales
	4	Blue Whales
	200	Pacific White-sided Dolphins
7/16	30	Humpback Whales
	500	Pacific White-sided Dolphins
7/15	70	Humpback Whales
	2	Blue Whales
	1000	Pacific White-sided Dolphins
	1200	Northern Right Whale Dolphins
7/14	46	Humpback Whales
	2	Blue Whales
	1	Killer Whale
	800	Pacific White-sided Dolphins
	300	Northern Right Whale Dolphins
7/13	27	Humpback Whales
	300	Pacific White-sided Dolphins
	4	Dall's Porpoise
	1	Leatherback Sea Turtle

7/12	10	Humpback Whales
	12	Blue Whales
	400	Pacific White-sided Dolphins
	40	Risso's Dolphins
	200	Northern Right Whale Dolphins
	5	Dall's Porpoise
7/11	7	Humpback Whales
	6	Blue Whales
	400	Pacific White-sided Dolphins
	100	Northern Right Whale Dolphins
7/10	3	Humpback Whales
	8	Blue Whales
7/9	6	Humpback Whales
	300	Pacific White-sided Dolphins
7/8	3	Humpback Whales
	6	Blue Whales
	1	Gray Whale
	1	Minke Whale
	800	Pacific White-sided Dolphins
	10	Risso's Dolphins
	1000	Northern Right Whale Dolphins
	3	Dall's Porpoise
	1	Leatherback Sea Turtle
7/7	5	Humpback Whales
	1	Blue Whale
	1	Minke Whale
	150	Pacific White-sided Dolphins
7/6	6	Humpback Whales
	1	Blue Whale
	1050	Pacific White-sided Dolphins
	850	Northern Right Whale Dolphins
7/4	52	Humpback Whales
	600	Pacific White-sided Dolphins
	250	Northern Right Whale Dolphins
	8	Dall's Porpoise
7/3	18	Humpback Whales
	250	Pacific White-sided Dolphins
	200	Northern Right Whale Dolphins
	1	Leatherback Sea Turtle
7/2	20	Humpback Whales
	1000	Pacific White-sided Dolphins
7/1	6	Humpback Whales
	1	Fin Whale
	75	Risso's Dolphins
	1	Basking Shark

Sightings reported by D. Davi, S. Dutton, T. Kieckhefer, D. Lemon, Monterey Bay Whale Watch, L. Oliver, R. Ortiz, K. Stagnaro, H. Tiura, J. Williamson, T. Zolinskiack.

## **ACS Membership Information**

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# Soundings



American Cetacean Society

Monterey Bay Chapter

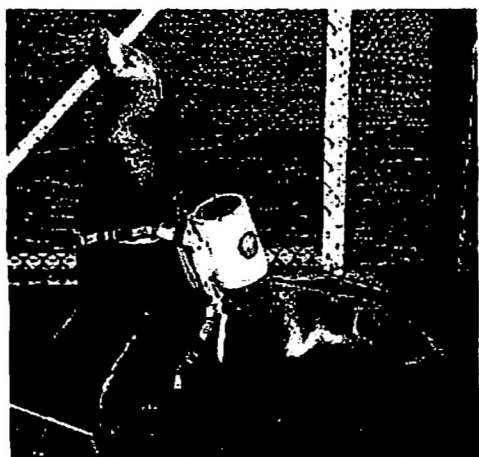
September 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



**Date: Thursday, September 28th,  
2000**

**Time: 7:30 p.m.**

**Speaker: Dr. Jenifer Hurley,  
Moss Landing Marine  
Laboratories**

**Title: SLEWTHS: Science  
Learning and Experimenting with  
the help of Sea Lions**

The S.L.E.W.T.H.S. project at Moss Landing Marine Laboratories features ongoing cooperative research with trained sea lions in the open ocean and in laboratory pools. Dr. Jenifer Hurley, our speaker and the project's principal investigator, has been working with its two primary sea lions, Sake (a female) and Beaver (a male) for over 10 years. Together, Jenifer and the sea lions have conducted over two dozen scientific investigations on everything from sea lion physiology to gray whale behavior. The programs with these sea lions are truly unique. Except for the classified U.S. Navy Program, there is no where else in the world where trained sea lions work with researchers in the wild. The novelty of the collaborative relationship between sea lion and scientist captivates the interest of people who come in contact with these programs and the project has been featured in numerous international media pieces including National Geographic Explorer and Dateline, NBC. This approach to science not only eliminates stress artifacts from forcing subjects to participate, it also allows for many questions that could not be asked any other way than through willing participation of the animals. Current and upcoming research includes investigation of many physiological and environmental questions. In the fall of 2000 and the spring of 2001, the sea lions will be used to compare dive physiology (especially heart rate) between pinnipeds and humans. The SLEWTHS project is also continuing to explore applications of the sea lions performing as ocean survey tools with subjects ranging from archeology (working with Texas A&M Institute of Nautical Archaeology) to benthic community monitoring.

Please join us and learn more about this innovative and exciting new window into scientific research happening right on our doorstep in Monterey Bay.

#### NEXT MONTH

Thursday - October 26th 2000 Dr. Rob Burton, Moss Landing Marine Laboratories  
Northern Fur Seals

SEP 18 2000

HOPKINS MARINE STATION LIBRARY



The upcoming ACS national conference, 'Whales 2000', will be held right here in Monterey November 17-19. There will be a reception Friday night at the Monterey Bay Aquarium honoring Alan and Sheila Baldridge for their contributions to ACS. Plan to join us for that. We in the Monterey Bay area have benefited so much from their company over the years! This will also be an excellent opportunity to visit with other ACS members while viewing the remarkable exhibits at the aquarium. Earlier that day there will be a number of field trip options, including kayaking and Elkhorn Slough excursions, and whale watching of course. Saturday morning sessions will focus on issues concerning whale conservation. In the afternoon there will be several concurrent options, including sessions on 'Entanglement and Marine Debris', a workshop on technical equipment (hydrophones, tags, etc.), posters, and a panel on 'The Future of the MMPA and ESA'. In the evening there will be a silent auction and a banquet. Sunday sessions will involve presentations on advances in marine mammal science and the future of whaling and whale management. Registration for the entire conference is \$190 for members, if postmarked by October 15th, and there are individual day and reception only tickets available as well. The program boasts many distinguished speakers, and will be sure to be informative and particularly interesting for those of us lucky enough to live here near Monterey Bay, which is often frequented by various cetacean species. Registration forms and a detailed schedule may be found on the ACS national web site at [www.acsonline.org](http://www.acsonline.org) <<http://www.acsonline.org>> . Check it out, and please plan to attend!



#### **FRIENDS OF THE SEA OTTER 32nd ANNUAL MEETING**

The 32nd Annual Meeting of Friends of the Sea Otter will be held on Saturday, October 14, 2000 at the Monterey Bay Aquarium at 6:00 p.m. Special guest speakers will include Dr. David Jessup, senior wildlife veterinarian with the Wildlife Veterinary Care and Research Center (California Department of Fish and Game) out at Long Marine Lab, and Jon Stocking, founder of the Endangered Species Chocolate Bar Company ([www.chocolatebar.com](http://www.chocolatebar.com)).

Also visit FSO's Education Retail Center ([www.seaotters.org](http://www.seaotters.org)) located at 381 Cannery Row from 10:00 a.m. to 3:00 p.m. on October 14th for their Annual Open House, Opportunity Drawings and Otter-Spotting!

ALL are welcome to attend both events!

8/19	1	7.5 mi WSW Santa Cruz	JW
8/25	2	5 mi SSW Davenport	TZ
8/27	1	3 mi W Salinas River	RO

ACS, ACS Fund Raiser, CET, Cheeseman's Ecology Tours, GF, G. Fisher, LH, L. Hitchcock, NL, N. Lemon, MBW, Monterey Bay Whalewatch, HN, H. Neece, OSE, Oceanic Society Expeditions, LO, L. Oliver, RO, R Ortiz, R/V John H. Martin, R/V Shana Rae, C&JT, C&J Toney, JW, J. Wetle, WW, W. Williamson, T. Zoloniack

**Additional Sightings:**

Bottlenose dolphin April 12 2000 6 animals going south, Tioga Avenue, Sand City. B. Weed Humpback whale July 12 2000 10-12 animals, Point Lobos Reserve. J. Osborne Other subsequent sightings from shore at Point Lobos. ray whale July 16 2000 1 animal at the Monterey Coast Guard Breakwater. Seen while scuba diving at 40 feet, over sandy bottom. Estimated length 20-25 feet. E. Herman, D. Baylor (divers). Submitted by A. Baldrige

### **Blue Whale Search — and success**

On Sunday August 20th, 55 participants and naturalists gathered at 8:30 for a 9:00 o'clock departure from Monterey's Fisherman's Wharf on the recently acquired and well-appointed Sea Wolf II, Sam's Fishing Fleet, Fred Mountfort, owner. Nancy Black of Monterey Bay Whale Watch sponsored the cruise.

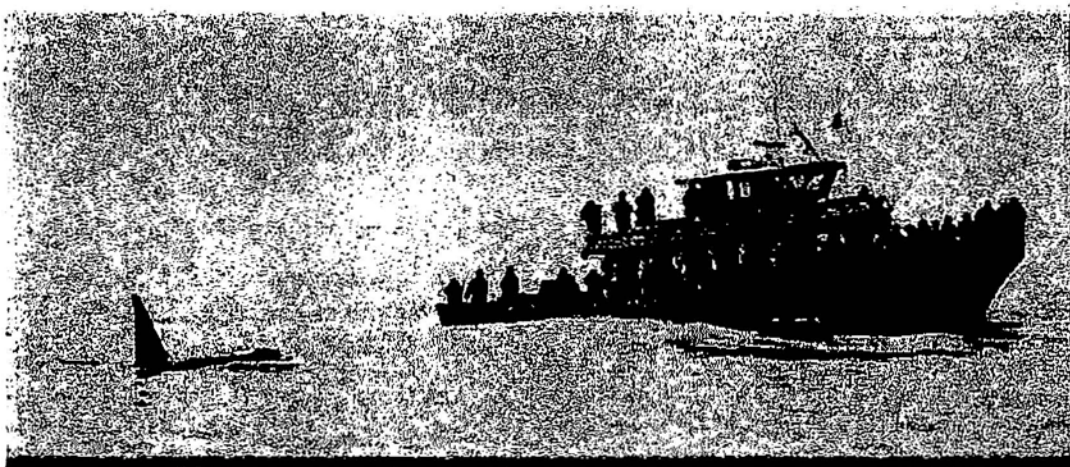


photo by Tom Kleckhefer

We were extremely fortunate in having calm seas with overcast and no sun glare in the morning. Sea conditions remained ideal throughout the cruise, which terminated at 3 p.m. Chapter members Tom Kleckhefer and Jo Guerrero left Moss Landing Harbor at 7 a.m. to scout ahead for large whales along the north rim of the Monterey Submarine Canyon, west of Moss Landing, and were able to guide us to feeding Blues. Mammals: Female Sea otter with a small pup on her chest and a nearby raft of 8 were in the kelp off the Plaza Hotel, Cannery Row. 200 California Sea lions were on the Coast Guard Breakwater, evidence for the return migration of males from Southern California breeding sites. At least one animal had fishing gear around its neck. Harbor seals showed their bobbing heads in the harbor and kelp beds beyond. A single Minke whale was close to the kelp near Point Pinos and was exceptionally obliging for this hard to observe species. It was seen some 20 times as it surfaced and showed its sharply pointed rostrum and pale flaring area sweeping over the flanks. It was 18-20 feet in length. (continued on next page)

**RISSO'S DOLPHIN**

8/1	60	2.5 mi W Moss Landing	R/V SR
8/4	60	3.5 mi W Pt. Pinos	HN

Associated with 20 PACIFIC WHITE-SIDED DOLPHIN and 100 NORTHERN RIGHT WHALE DOLPHIN.

**PACIFIC WHITE-SIDED DOLPHIN**

There are 16 sightings of up to 250 individuals scattered throughout the Bay.

**NORTHERN RIGHT WHALE DOLPHIN**

8/2	50	7 mi NW Pt. Pinos	WW
8/10	100	4 mi W Pt. Lobos	OSE
Associated with 200 PACIFIC WHITE-SIDED DOLPHIN and 20 HUMPBACK WHALES.			
8/26	600	8 mi WSW Santa Cruz	CET
Associated with 300 PACIFIC WHITE-SIDED DOLPHIN.			
8/29	600	9 mi WSW Santa Cruz	MBW
Associated with 200 PACIFIC WHITE-SIDED DOLPHIN.			

**DALL'S PORPOISE**

8/2	8-10	3.5 mi NW Pt. Pinos	MBW
Associating with 4 HUMPBACK WHALES.			
8/4	8-10	4 mi SW Pt. Pinos	MBW
8/8	4	4 mi W Pt. Lobos	OSE
8/10	4-5	1 mi SW Cypress Pt.	OSE
8/11	4-6	4.5 mi WSW Pt. Pinos	OSE
8/16	6-8	1 mi W Pt. Lobos	MBW
8/16	2-3	1.5 mi NW Pt. Lobos	MBW
8/17	2	3 mi W Cypress Pt.	MBW
8/20	3-5	2 mi NW Pt. Pinos	ACS
8/25	10	4 mi NW Pt. Pinos	LO
8/29	4-5	2 mi NW Pt. Pinos	MBW

**HARBOR PORPOISE**

8/3	2-4	1.5 mi N Pt. Pinos Light	MBW
8/3	4-5	4.5 mi NW Pt. Pinos	MBW
8/10	1+2+4	2 mi W Marina St. Bch.	OSE
8/10	6	1 mi N Pt. Pinos Light	OSE
8/11	2-4	2.5 mi NW Pt. Pinos	OSE
8/22	1	3 mi NW Pt. Pinos	MBW
8/27	2-4	1.5 mi N Pt. Pinos Light	MBW

**NORTHERN ELEPHANT SEAL**

8/3	1	4 mi NW Pt. Pinos	MBW
8/3	1	6 mi SW Moss Landing	MBW
8/9	1	5 mi WNW Pt. Pinos	MBW
8/26	1	4.5 mi NW Pt. Pinos	MBW
8/29	1	4.5 mi NW Pt. Pinos	MBW
8/30	1	8 mi NW Pt. Pinos	MBW

**Leatherback Sea Turtle**

8/10	1	2 mi SW Cypress Pt	OSE
8/10	1	About 7 mi WNW Pt. Pinos	R/V JHN
8/11	1	N. Of MBARI Bouy	WW
8/13	1	4 mi W Pt. Pinos	MBW
8/16	1	3 mi W Salinas River	WW

# List of Marine Mammal Sightings in the Monterey Bay Region

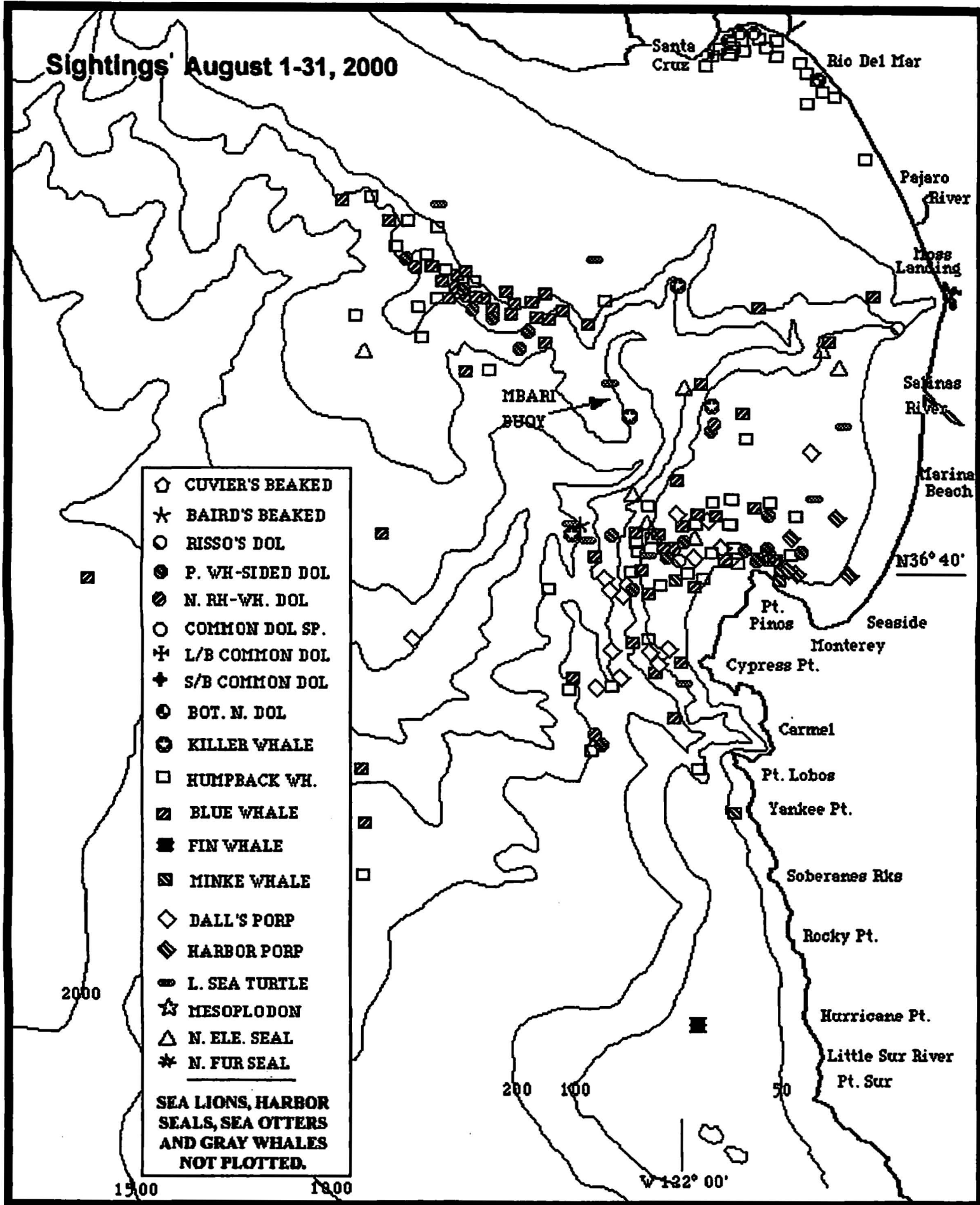
ACS 8/31/00

Compiled by Richard Ternullo

This past recording period has experienced a confirmation that Monterey Bay may be the best place worldwide to best see the greatest animal to ever live, the Blue Whale. Sightings have been consistent and nearly daily for some time now. Humpback Whales seem to be wandering quite a bit and are less likely to found on a predictable basis. However, at least some are seen nearly every day. We will now be entering the Oceanic Season and sightings should take on a more varied pattern. Look for observations of less common species to appear. The jellyfish show has been first rate on days with clear water with Purple Striped, Moon, Sea Nettle, and Egg yolk jellies in abundance.

Date	# of animals	Location	Obs.
<b>BLUE WHALE</b>			
There are 52 sightings of up to 20 individuals scattered along canyon edges in the Bay and outer waters. There are two reports of "friendly" encounters, rare in this species, but spectacular! (Ask Sue Whittaker about her reaction)			
<b>FIN WHALE</b>			
8/8	12	3.5 mi W Bixby Bridge	JW
<b>HUMPBACK WHALE</b>			
There are 55 sightings of up to 50 individuals scattered throughout the Bay and offshore waters. There are several "friendly" encounters this month. There are also several less than "normal" shore sights from the North Bay.			
<b>MINKE WHALE</b>			
8/5	1	Off Yankee Pt.	NL
Breaching 3X!			
8/10	1	1 mi N Pt. Pinos Light	OSE
8/12	1	3.5 mi W Pt. Pinos	LO
8/20	1	1 mi N Pt. Pinos Light	LO
<b>BAIRD'S BEAKED WHALE</b>			
8/10	2-3	About 7 mi WNW Pt Pinos	R/V JHN
<b>KILLER WHALE</b>			
8/10	5	5 mi NW Pt. Pinos	WW
Followed for several miles, they passed 30+ CALIFORNIA SEA LIONS without an interaction and harassed a single BLUE WHALE which started a stampede of 6 BLUE WHALES northwards at 12+ knots about 4-6 miles before they resumed apparent feeding behavior			
8/10	2	6 mi WNW Pt. Pinos	R/V JHM
8/20	2	6.5 mi NW Pt. Pinos	LO
8/30	2	8.5 mi S Santa Cruz	GF
CA30, 25 Both males, brothers?			
<b>BOTTLENOSE DOLPHIN</b>			
8/2	4	Rio, Del Mar	LH
8/4	2+	Sea Cliff Beach	LH
8/10	6	Sea Cliff Beach	LH
8/11	2+	Sea Cliff Beach	LH
8/24	2+	Seascape Beach	C&JT

# Sightings' August 1-31, 2000





We then headed north towards the Soquel Arm of the Monterey Canyon. Two Orcas, an adult male and female, were sighted ahead as they traveled north, ignoring several California Sea lions sequestered in floating kelp patches. Perhaps the Orcas were not hungry! We followed them for 30 minutes as Nancy Black secured photo-identification shots from both sides of each individual. We left them when dolphins were sighted. Approximately 75 Pacific White-sided dolphins, including several mother/calf pairs, put on a marvelous performance bow-riding and were highly visible in the calm, clear water providing exceptional viewing. Eventually they left us and we began to close in on the Blue whales which were over the Submarine Canyon about 5 miles west of Moss Landing. The whales of which there were thought to be 5 were quite widely scattered and actively feeding with little surface time. They were feeding on krill at a depth of about 200 feet, shallow for the Blue whale, and were not throwing their flukes upon diving, merely arching their backs and disappearing. One animal a mile distant was seen fluking upon diving. We spent about 30 minutes with these animals before starting our run back to Monterey. The last cetacean of the day was a group of 6 Dall's porpoise west of the Salinas Rivermouth. Humpbacks were curious in their absence.

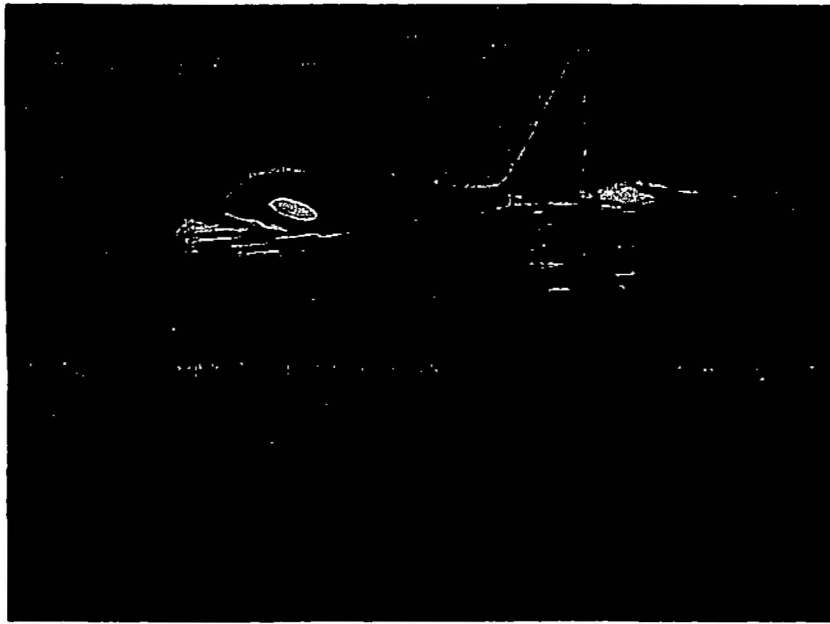


photo by Dan Presser

Birds: 23 species observed. \*\* denotes notable species.

\*\* Black-footed albatross - 4 Northern fulmar - 1 Pink-footed shearwater - 2 Sooty shearwater - abundant Ashy storm petrel - 30 \*\* Fork-tailed storm petrel - 1 Brown pelican - 200 (on Coast Guard Breakwater) \*\* Red phalarope - 50 Red-necked phalarope - 30 \*\* Parasitic jaeger - 4\*\* Sabine's gull - 20 Elegant tern Common murre - males accompanying their single, still dependent, chicks. Pigeon guillemot Cassin's auklet - 20 Rhinoceros auklet - 10 \*\* Tufted puffin - a single adult circled the boat several times.

Other marine life: Blue Shark - 4 Mola mola - zero Clear waters allowed good views of numerous jellies. Purple-striped jelly (Pelagia) Lion's mane or Egg-yolk jelly (Cyanea) Moon jelly (Aurelia) Thanks to naturalists: Esta Lee Albright, Alan Baldridge, Nancy Black, Richard Ternullo - Skipper, Jud Vandever, Katherine Whitaker.

This cruise raised \$1500 for ACS/MB - Graduate Student Research Awards and our gratitude goes to Nancy Black - Monterey Bay Whale Watch, Fred Mountfort - Sam's Fishing Fleet and Richard Ternullo - Skipper.

Submitted by Alan Baldridge



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☐ Contributing(\$250) ☐ Senior(\$25) ☐ Supporting(\$75)  
☐ Teacher(\$25) ☐ Active(\$35) ☐ Student(\$25) ☐ Subscription(\$15)  
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Chapter:#24

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# *Soundings*



**American Cetacean Society**

**Monterey Bay Chapter**

**October 2000**

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**The Newsletter of the Monterey Bay Chapter of ACS**

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**Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).**



*Northern Fur Seal in "jug handle" position.  
Photo by Nancy Black.*

**Date: Thursday, October 26th  
2000**

**Time: 7:30 p.m.**

**Speaker: Robert K. Burton,  
Moss Landing Marine  
Laboratories**

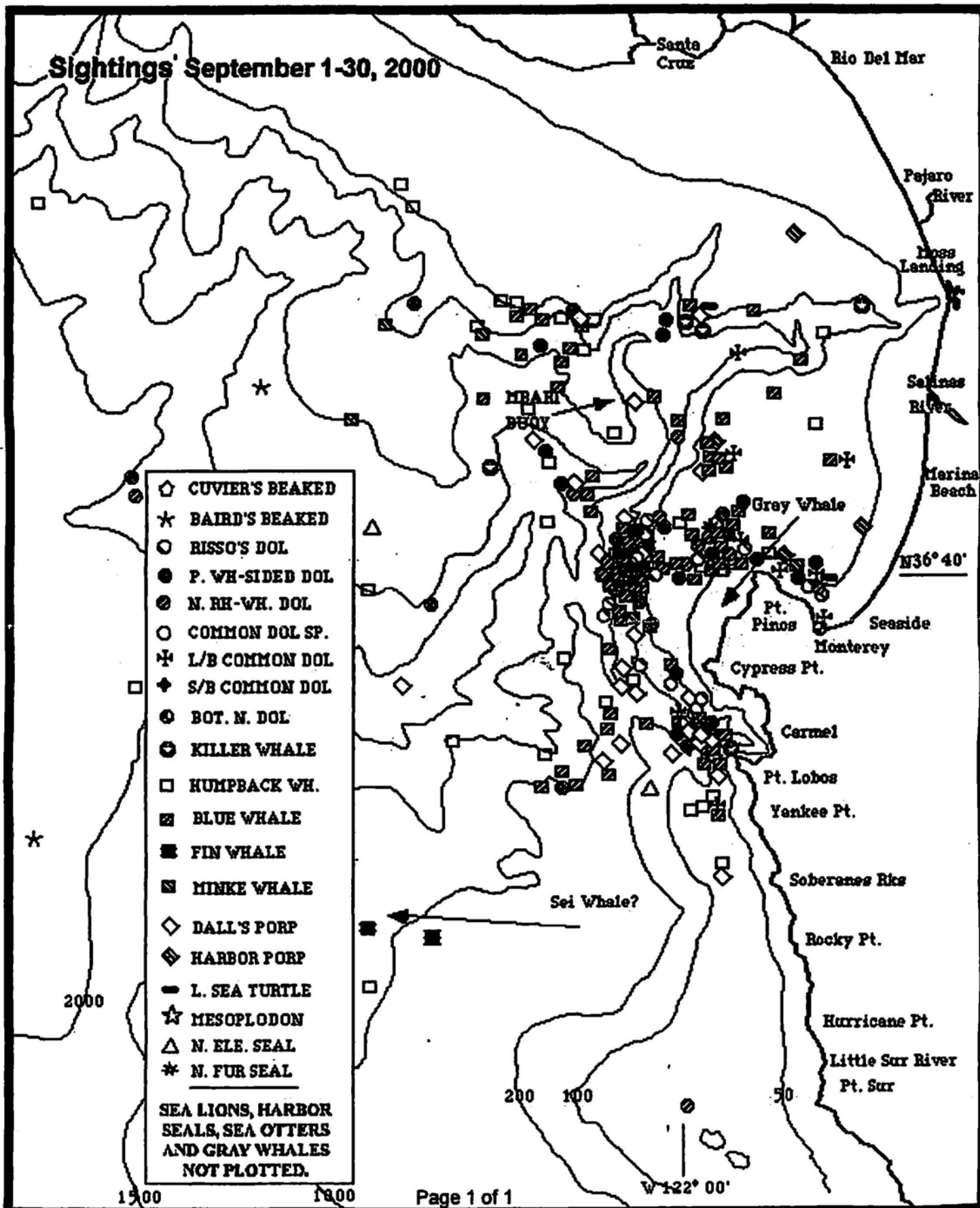
**Title: Northern Fur Seals:  
dramatic changes over time in  
their occurrence  
in Central California**

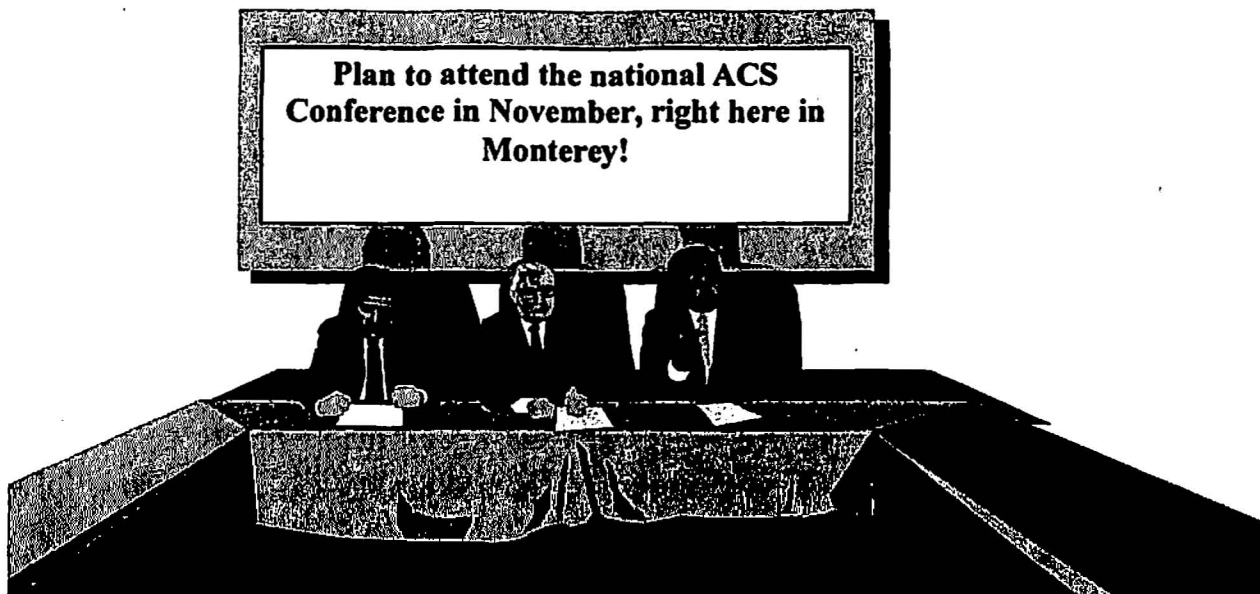
At present the major breeding rookeries of the Northern Fur Seal lie far to the north in the Bering Sea-Aleutian region. Abundant evidence, revealed during site preparation for the new Moss Landing Marine Laboratories, shows that these seals occurred here year round and, remarkably, bred nearby. Small pup remains indicated hunting by humans since early Holocene times, 8000 years before present.

Our speaker will discuss the techniques of isotopic and archeofaunal analysis which produced such dramatic results, placing them in an ecological context. Rob Burton received his Ph.D. from the Department of Earth Sciences at UC Santa Cruz.

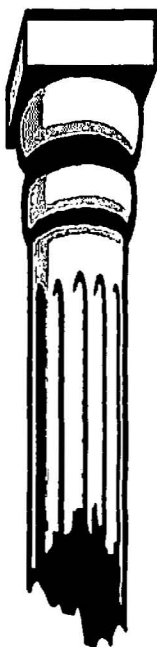
**Please join us for a fascinating account of these new discoveries.**

# Sightings September 1-30, 2000

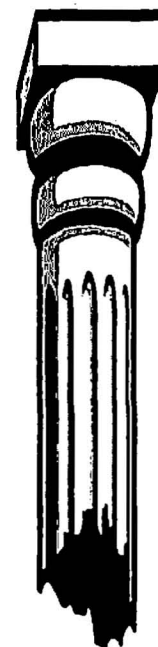




The conference will be November 17-19. Topics will include 'Hot Issues in Whale Conservation' and 'Legislative Issues in Whale Conservation' Saturday morning, and in the afternoon panels and discussions on such topics as 'Entanglement & Marine Debris', 'The Future of MMPA and ESA'. Sessions Sunday will get into details of advances in marine mammal science, and there will be an art show and a panel on marine noise. After a series of presentations on future of whaling in the afternoon Norbert Wu will return with his 'Under Antarctic Ice' presentation which we enjoyed a few months ago. There will be a silent auction, and on Friday evening a reception to honor Alan and Sheila Baldrige, hosted at the aquarium, an event not to be missed. Advanced registration closes October 15<sup>th</sup> but tickets for all the conference or individual days will be available at the door. Find out more at <http://acsonline.org/>.



*Under Antarctic Ice at the Pacific Grove Museum*  
– Remember Norbert's stunning presentation at our meeting earlier this year? There is now an exhibit of his work at the PG museum through January 21, 2001.



***Help Wanted:*** Energetic, flexible, computer savvy person to edit chapter newsletter. Must be willing to spend a few hours a month assembling articles and mammal sighting information. Please call Don @ 831.684.2128 or Sheila Baldrige @ 372.3809

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55 24 701  
ALAN & SHEILA BALDRIDGE  
1132 SEAVIEW AVENUE  
PACIFIC GROVE, CA 93950

# Soundings



American Cetacean Society

Monterey Bay Chapter

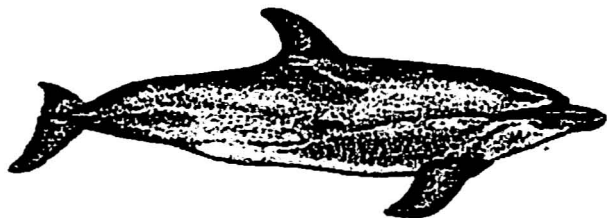
Nov/Dec 2000

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The Newsletter of the Monterey Bay Chapter of ACS

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Monthly meeting held at Hopkins Marine Station, Lecture Hall, Boatworks Building  
(Across from the American Tin Cannery Outlet Stores).



*Tursiops truncatus*

**Date: Thursday, December 7th  
2000 (Please note the change of  
date due to the Thanksgiving  
holiday)**

**Time: 7:30 p.m.**

**Speaker: Shawn Noren,  
University of California, Santa  
Cruz.**

**Title: The Development of  
Diving Abilities in Bottlenose  
Dolphins**

Over evolutionary time, marine mammals have developed physiological characteristics to enable long breath-holding underwater which is necessary for locomotion and feeding. Yet according to pinniped research, youngsters initially lack these abilities. Pinnipeds experience lengthy postpartum development on land before their first trip to sea thus allowing them to acquire the oxygen storage capacity and heart rate control required for diving. However, cetaceans are born directly into the ocean and may be challenged immediately after birth, until the development of diving capacity is completed. Biochemical, physiological, and behavioral data was collected from bottlenose dolphins (*Tursiops truncatus*) to serve as a model to observe changes in dive capacity with age in cetaceans. This study is the first to explore the development of diving in a mammal entering the marine environment immediately after birth. By understanding the physiological limitations of young cetaceans, insight into possible diving constraints placed on lactating moms and newly weaned calves will be elucidated. Assessing this vulnerable segment of the population is important for management and conservation, in light of the current increasing human impacts on the oceans.

Ms. Noren is a doctoral candidate at UCSC and our Chapter supported her research in 1998, when she received the Robert Bethel Award, and again in 2000.

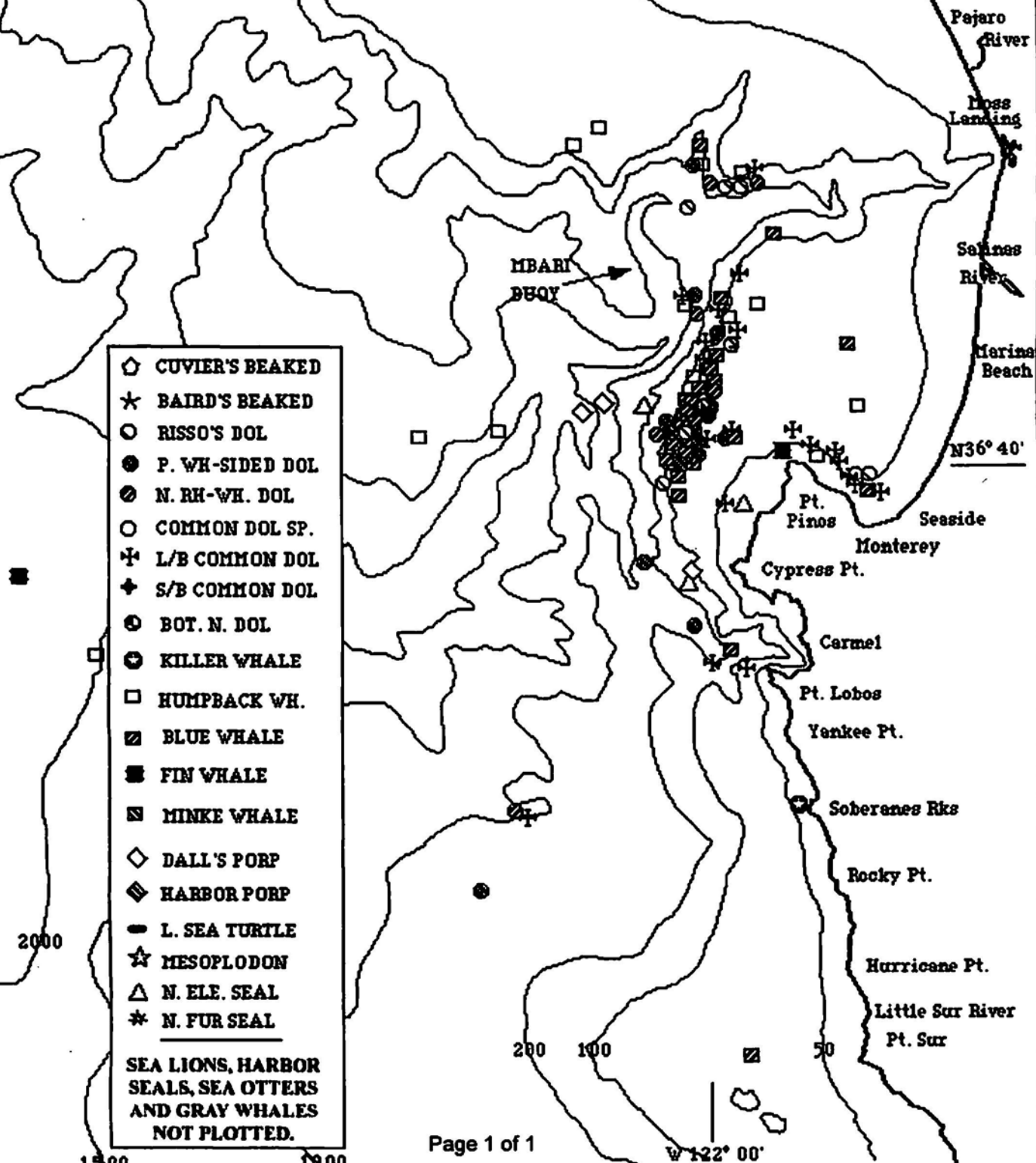
Please join us for a most interesting talk on a species only recently becoming more common in Monterey Bay.

NOV 27 2000

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# Sightings October 1-31, 2000



ACS 10/31/99

Blue Whales continue to provide excellent opportunities throughout the reporting period. This has been the best Blue Whale viewing many years. By this time next month Gray Whales will be the dominant baleen whale and will be seen from shore sights and boats.

Dolphins have been present in relatively large numbers and have been seen nearly daily from whalewatching boats.

Date	# of animals	Location	Obs
------	--------------	----------	-----

#### BLUE WHALE

There are 35 sightings of up to 12 individuals scattered throughout the Bay and outer waters.

#### FIN WHALE

10/7	1	22 mi SW Pt. Pinos	LO
10/16	1	Near Pt. Pinos	GF

#### HUMPBACK WHALES

There are 19 sightings of singles or pairs scattered throughout the Bay and outer waters.

#### GRAY WHALE

10/31	2	Shore sight from Asilmar Bch.	TL
-------	---	-------------------------------	----

#### KILLER WHALE

10/7	4	Near Soberanes Rks	PS
10/8	6-7	8 mi S Santa Cruz	LO

#### RISSE'S DOLPHIN

There are 12 sightings of up to 1000 individuals scattered throughout the Bay.

#### PACIFIC WHITE-SIDED DOLPHIN

There are 17 sightings of up to 450 individuals scattered throughout the Bay.

#### NORTHERN RIGHT WHALE DOLPHIN

10/7	100	6 mi W Moss Landing	TK
Associated with 450 RISSE'S DOLPHIN, 200 PACIFIC WHITE-SIDED DOLPHIN, and 5 LONG-BEAKED COMMON DOLPHIN.			
10/14	10	2 mi W Cypress Pt.	AJY
10/23	5	20 mi SW Pt. Pinos	MPAS
Associated with 25 LONG-BEAKED COMMON DOLPHIN.			
10/25	200	5.5 mi NNW Pt. Pinos	MBW
Associated with 1000 RISSE'S DOLPHIN and 100 PACIFIC WHITE-SIDED DOLPHIN.			
10/27	300	2 mi S Cypress Pt.	MBW
Associated with 500 PACIFIC WHITE-SIDED DOLPHIN.			
10/27	200	7 mi NW Pt. Pinos	MBW

Associated with 200 **LONG-BEAKED COMMON DOLPHIN**, 30 **PACIFIC WHITE-SIDED DOLPHIN**, and 500 **RISSE'S DOLPHIN**(about 20 Risso's Dolphin then chased 1 Blue Whale of 3 in the area for about 2 miles)

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**LONG-BEAKED COMMON DOLPHIN**

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There are 24 sightings of up to 5000 individuals scattered throughout the Bay.

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**SHORT-BEAKED COMMON DOLPHIN**

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10/22	3000	5 mi NW Pt. Pinos	MBW
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Associated with 5 **PACIFIC WHITE-SIDED DOLPHIN**

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**DALL'S PORPOISE**

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10/8	6-8	6 mi NW Pt. Pinos	MBW
10/8	3-5	8 mi W Pt. Pinos	MBW
10/27	6-8	1.5 mi W Pt. Lobos	MBW

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**NORTHERN ELEPHANT SEAL**

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10/7	1	Near Pt. Joe	JW
10/8	1	5 mi NW Pt. Pinos	MBW
10/16	1	4 mi NW Pt. Pinos	MBW
10/23	1	50 mi SW Pt. Sur	MPAS
10/27	1	3 mi W Pt. Lobos	MBW

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**NORTHERN FUR SEAL**

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10/23	1	70 mi SW Pt. Sur	MPAS
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**CALIFORNIA SEA LION**

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About 1000 are present on Monterey breakwater.

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**PACIFIC HARBOR SEAL**

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Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

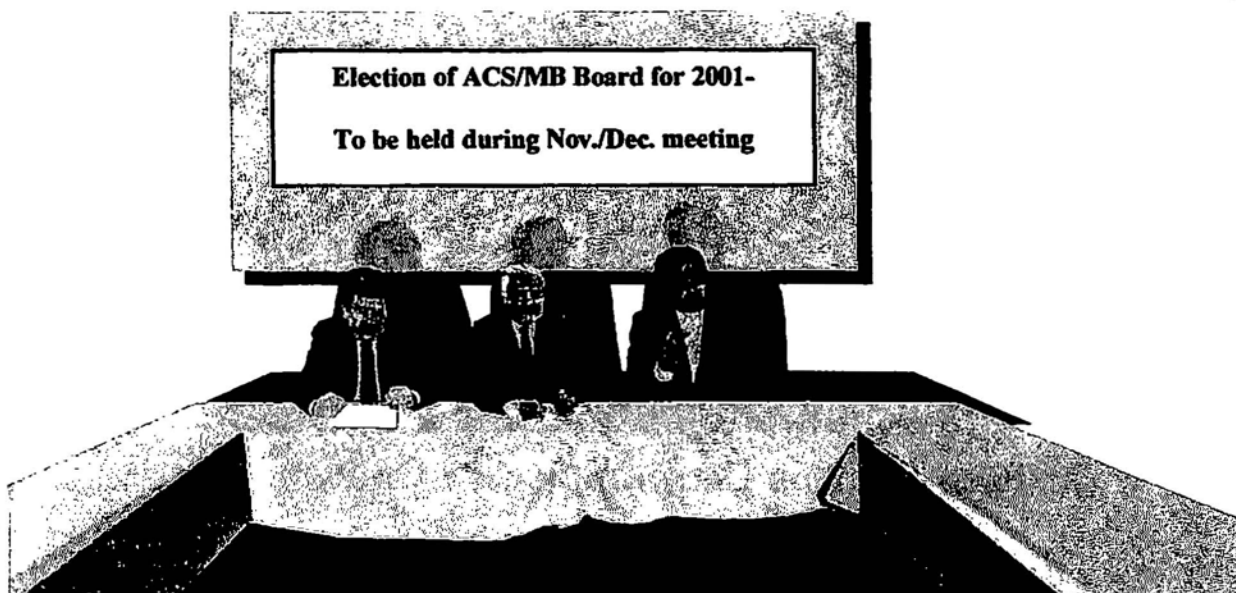
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**SOUTHERN (CALIFORNIA) SEA OTTER**

---

Seen from Monterey Harbor to Pt. Lobos and Elkhorn Slough.

GF, G. Fisher, TK, T. Kieckhefer, TL, T. Lorenz, MBW, Monterey Bay Whalewatch,  
 MPAS, Monterey Peninsula Audubon Society, LO, L. Oliver, PS, P. Samitt, JW, J.  
 Williamson, AJY, A.J. Young





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*Under Antarctic Ice at the Pacific Grove Museum –  
Remember Norbert's stunning presentation at our  
meeting earlier this year? There is now an exhibit  
of his work at the PG museum through January  
21,2001.*

**ACS Membership Information**

The objectives of the American Cetacean Society include engaging in educational conservation, and scientific pursuits for the purpose of expanding the scientific knowledge of whales, dolphins, porpoises, and related creatures. The Monterey Bay Chapter meets @ 7:30 PM on the last Thursday of each month @ Hopkins Marine Station in Pacific Grove. Meetings and activities feature cetacea and various aspects of the marine environment. For additional information concerning ACS membership, contact Jon or Judy Hubbard at 831.726.1737

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 Signature \_\_\_\_\_

Note: 12 issues, does not entitle subscriber to membership.

Return to: Membership Secretary, ACS Monterey Bay Chapter

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Chapter:#24

**The American Cetacean Society Online**

Next time you're "surfing the 'net", be sure to visit the World Wide Web site of the local ACS Chapter at <http://www.starrsites.com/acsmmb/>. The web site features information about the local chapter, including the latest meeting announcement, information about other local events of interest, and links to many exciting cetacean-related sites around the world.

ACS National also has a web site with even more information about cetaceans and other marine mammals, at <http://www.acsonline.org/>. This site includes links to other chapters, several Whale and Dolphin Fact Sheets, and lots more.

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